

Spot the difference!

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traditional fole playing gar-the scenario. Dingeons and Dragons fan for "I have been a Doragons and Dragons fan for several years...The package provides excellent entertainment for all fans of the cults and should prove a good introduction to the game".

....Sinclair User.

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ZX Spectrum 48K

Written by Graham Stafford



THE ISLAND

The ultimate test of logic and deduction! Can you solve the hidden mysteries of the South Pacific Island on which you have been stranded - and escape alive! A brilliant classic style adventure game to facinate and frustrate you for months! ZX Spectrum 48K F7 50

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Instructions for graphics characters are printed in lower-case letters in our listings. They are enclosed by

brackets and separated by colons to distinguish them and the brackets and colons should not be entered.

Inverse characters are represented by the letter "i" and graphics characters by "g". Thus an inverse W would be represented by "ju" a graphics W by "gw" and an inverse graphics W by "ju" and an inverse graphics.

W would be represented by "iw", a graphics W by "gw", and an inverse graphics W by "gw". Spaces are represented by "sp" and inverse spaces by "isp". Whenever any character is to be used more than once, the number of times it is to be used is shown before it, together with a multiplication sign. Thus "6"sp" means six inverse spaces and "(g4.44*i4:g3)" would be entered as a graphic four, followed by an inverse four repeated four times, followed by a graphics through

Where whole words are to be written in inverse letters they appear in the listings as lower-case letters. Letters to be entered in graphics mode on the Spectrum are underlined.

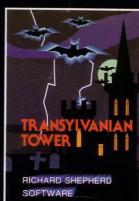
Inverse characters may be entered on the ZX-81 by changing to graphics mode and then typing the appropriate characters and on the Spectrum by changing to inverse video and typing the appropriate letters. Graphics characters may be entered on the ZX-81 by changing to graphics mode and then pressing symbol shift while the appropriate characters are entered. On the Spectrum graphics characters may be obtained by changing to graphics mode and then pressing the appropriate character. User-defined graphics will appear as normal letters until the program has been RUN.

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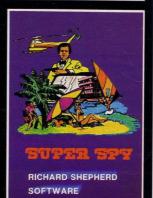


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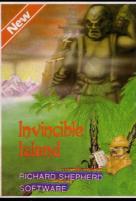
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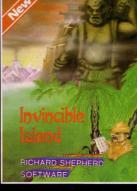
TO IMAGINATION"

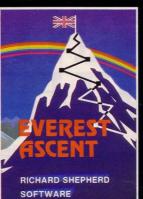
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LETTERS

ON BEHALF of all your they surpass all the opposireaders, thank you for publishing a wonderful magazine. In my second breath I implore you to publish fortnightly. That would satisfy everyone and would prevent the agony of waiting. Of course I am speaking feelingly as I am more than 70 years old. This is my only pastime and it takes me about two weeks to try all the programs. There have been several times a program has not run, but a letter to you soon solves any problems.

I was interested in the letter from Allisoun Fern; I did not know there were different models of the Spectrum. There is nothing in the manual which states the model or how to identify from other models, so your reply was of great interest; the IN statments are now committed to Record my memory bank. I bought my Spectrum in June. Is Breaker? there anything about this I AM writing about a promodel on which you could enlighten me?.

I have all the time in the world to enter any program so I know everything I enter is exactly as printed. For instance, two programs - Slalom and Quasimodo - in the November issue failed to run; are they not reading the data?. Could that have anything to do with the model, or do you think some part of Werewolf's the computer is faulty?

and, as far as programs go, you must also change the

tion. I would not mind if you raised the price so long as you increased the number of programs and added some interesting features.

Why not increase the number of readers' letters? Many computer thumpers would be over the moon to see theirs printed. As I have seen in your letters page, items and information other readers have to offer are extensive.

That would lead to us learning the computer to become more capable and, in time, repay you by sending programs we have composed. What a happy world if this could happen.

C Fowler, Sheffield.

gram in the July issue of Sinclair Programs, Alphabet Time. On my first attempt on the program I got 120 units. I would like to know if anyone else has written to say they have beaten my record.

Andrew Lamb, aged 11, Edgbaston, Birmingham.

I know you must be up to Lair Changes

your necks in letters. Could IN THE OCTOBER edition you set up a telephone an- in the game Werewolf Lair a swering service, since the few mistakes were made. The questions would be mainly peeks which make sure that about errors? A set of ready- you or the monster do not go made answers could be ready. through the walls of the maze There must be many pro- are set up for the wrong grams you have published graphics. To solve this you which newcomers do not can either change all the know about. Could you re- graphic Hs in the maze plot print them? When you come to graphic As or change the 8 to the financial part, your in lines 370, 570 and 630 to magazine proves the cheapest 136. With the second method

graphic As in lines 90 and Mark Three 290 to graphics Hs.

I found this a very enjoy-

Burscough, Lancashire.

ZX-81-to-Spectrum Conversion

I AM a newcomer to computers and I own a Spectrum 48K machine. I find your magazine very helpful but I have one problem which you could solve for me.

In the ZX-81 listings there are certain commands which are foreign to me - i.e., FAST, SLOW, g.w., g.a. Could you supply me with a list of Spectrum commands could be printed in the magazine for the benefit of other amendment useful. Spectrum owners.

M Gibson. Stoke-on-Trent.

Letter not **Figure**

IN PRINTING my letter in THANK YOU for your prothe October issue of Sinclair mistake which made nonsense of the letter. The last ber Sinclair Programs. part should read: Line 135 IF AT "*":PAUSE PRINT AT 13,17; "

A Ferguson, Middlesbrough.

Defender

able game and have managed YOU RECENTLY sent me a to achieve a high score of reply to my letter concerning a fault in the Defender pro-Tom Liptrot, gram published in the July issue of Sinclair Programs.

You said in your letter that a number of your readers had experienced the same fault i.e., failure of 'Cap Shift' and 'Z' keys to move the spacecraft up and down.

I have delved into this fault and have come up with a solution to the problem. If line 2020 of the program is amended as shown, all will be

My amended program now works perfectly.

I hope that this information will be of use to you and your readers and that it will be published in Sinclair Programs in due course.

C A Bailey, Elv. Cambs.

to replace them in the listings Readers with Model 3 Specso I can make full use of your trums who have experienced magazine? Perhaps the listing problems with the DEFEND-ER program may find this

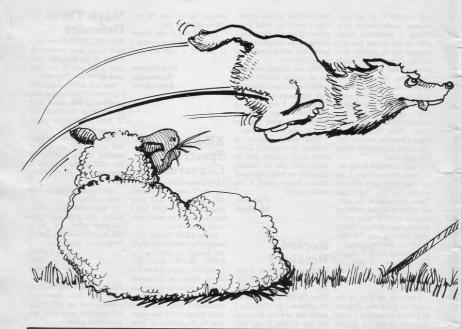


More Graphics **Programs**

grams like Contour, Mirror Programs you made a small Patterns and other good graphics wonders in Novem-

I hope you will try to have n=10 and y=16 THEN one or more each month, as 13,17; they can be only a few lines 7*(4-1)+10: but be very good.

Bjorn Jonnor, Revkiavik. Iceland.



10 REM "SHEEP DOG" 20 DIM a(4): DIM b(4): DIM c(4): FUR n=1 TU 4: LET a(n)=INT (R ND#31)+1: LET c(n)=0: LET b(n)=I NT (RND#20)+1: NEXT n

30 LET x=10 LET y=10 40 LET t=0

50 LET as="(1)" 60 LET 1=3

70 LET ba="(0)"

90 INPUT "DQ WANT PASTURE OR D
ESERT P/D";s#: IF s#="P" THEN P APER 4

90 IF s#="d" THEN PAPER 6 95 IF st="" THEN PAPER 6

97 BORDER 1: CLS 100 FOR n=0 TO 7: READ 4: POKE

USR "P"+n, 9: NEXT n' DATA BIN 0, BIN 10000000, BIN 10000100, BIN 11 BIN 01000100, BIN 01000100

110 FOR n=0 TO 7: READ 4: POKE USR "o"+n,4: NEXT n: DATA BIN 0, BIN 0, BIN 0000010, BIN 01111111, B IN 01111110,BIN 01000100,BIN 010 00100, BIN 01000100

120 FOR n=0 TO 7: READ 4: POKE USR "1"+n,4: NEXT n: DATA BIN 0, BIN 00000001, BIN 00100001, BIN 11 199911,BIN 11111110,BIN 90111119

.BIN 00100010.BIN 00100010 130 FOR n=0 TO 7: READ 4: POKE USR "u"+n, q · NEXT n · DATA BIN Ø, BIN 0.BIN 01000000, BIN 11111110, BIN 01111110, BIN 00100010, BIN 00 100010,BIN 00100010

140 FOR n=0 TO 7: READ 4: POKE USR "T"+n,4: NEXT n: DATA BIN 0, BIN 00000000, BIN 00000100, BIN 11 000111,BIN 11111111,BIN 11111100 .BIN 01000100,BIN 01000100 180 PLOT 103,88: DRAW 32,0: DRA

W 0,8: DRAW -32,0: DRAW 0,-8: PR INT AT 10,15; " PLOT 120,80: D RAW 0,8: PLOT 128,80: DRAW 0,8 190 PRINT INK 0,8T 0,0,"(32%1s P)"; INK 6; PAPER 0;AT 0,24; "DOG

5=(ppp)" 200 FOR n=1 TO 4 220 PRINT AT X,4;" "
230 IF INKEY4="7" AND X)1 THEN
LET 45="(1)": LET X=X-1: BEEP
.001,35 BEEP .003,55

240 IF INKEY#="6" AND x<21 THEN LET a#="(1)" LET x=x+1: BEEP .001.25 BEEP .003.45 250 IF INKEY#="6" AND y<31 THEN LET as="(p)" LET y=y+1 BEEP

.001,15: BEEP .003,35 260 IF INKEYS="5" AND v>0 THEN LET a6="(1)": LET vs=-1: BEEP .001,5: BEEP .003,25 263 PRINT 1NK 1)AT x,9:a0

265 IF c(n)=1 AND n(4 THEN NEX

267 IF c(n)=1 AND n>=4 THEN GO TO 710

270 PRINT AT b(n), a(n); " " 288 IF a(n)>y AND a(n)<21 THEN LET a(n)=a(n)+1: LET bb="(_o)":

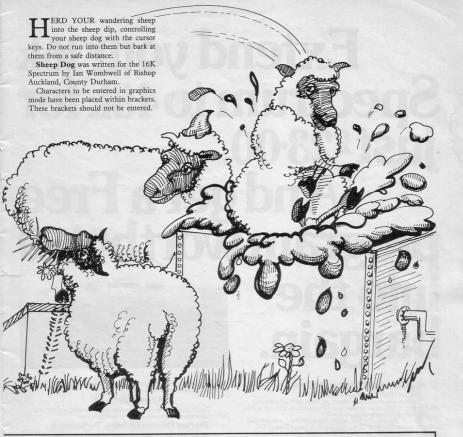
GO TO 350 290 IF b(n)>x AND b(n)x21 THEN LET b(n)=b(n)+1: LET b\$="(o)": GO TO 350 300 IF b(n)<x AND b(n)>1 THEN

LET b(n)=b(n)-1: LET bs="(_u)": GO TO 350

310 IF a(n)(y AND a(n))0 THEN LET a(n)=a(n)-1: LET bs="(u)": GO TO 350 320 IF a(n)=0 THEN LET a(n)=a(

n)+1 330 IF a(n)=31 THEN LET a(n)=a (n)-1 340 IF b(n)=21 THEN LET b(n)=b

345 IF b(n)=1 THEN LET b(n)=b(



350 PRINT INK 0:AT b(n),a(n);b

360 IF a(n)=15 AND b(n)=11 THEN LET c(n)=1: LET a(n)=n+12: LET b(n)=10: PRINT AT 11,15;" ": PR INT AT b(n),a(n),"(_0)": BEEP .0 1,10: BEEP .005,60: BEEP .02,20 380 IF x=b(1) AND y=a(1) UR x=b (2) AND y=a(2) OR x=b(3) AND y=a (3) OR a(4)=9 AND b(4)=x THEN L ET 1=1-1: PRINT AT 0,29+1; "(isp)

": LET x=10: LET y=10: BEEP .1,-30: BEEP .05,0: BEEP .3,-10: IF 1<=0 THEN GO TO 900

700 NEXT n 710 PLUT 103,88: DRAW 32,0: DRA W 0,8: DRAW -32,0: DRAW 0,-8: PR INT AT 10,15: " PLUT 120,80: D 78H 9.89 PLOT 128.80: DRAW 0.8 720 FOR m=1 TO 4: IF c(m)=1 THE N PRINT PAPER 0; INK 7:AT 0.12 ;"SHEEP=";AT 0.17+m;"(0)": PRIN T AT b(m),a(m);"(0)"

740 IF c(1)=1 AND c(2)=1 AND c(3)=1 AND c(4)=1 THEN GO TO 1000 741 NEXT m

745 LET t=t+1: PRINT PAPER 0: INK 5,8T 0,3,"TIME=";t

750 GO TO 200

800 GO TO 200 900 PRINT AT 10,10; "you'r dead" 910 PRINT FLASH 1; PAPER 2; IN

K 5;RT 11,3;"Keep away from the sheep": PAUSE 70: PRINT INVERSE 1; INK 1;RT 12,8;"PRESS ANY KEY ": IF INKEYS="" THEN GO TO 918 920 RUN

1000 PRINT FLASH 1) PAPER 0) IN K 5;AT 0,3;"TIME=";t

1919 PRINT AT 10.10) "Game Over")
PRPER 1) INK 6)AT 11.7) "YOU CAM E ";INT (6/28)" PLACE"
1028 IF INT (6/28)** STHEN LET
be="!!!EXCELLENT!!! 198%" GO TO

1100

1030 IF INT (t/25) =4 THEN LET 6\$="GREAT!! 80%": GO TO 1100 1040 IF INT (t/25)<=5 THEN LET 1040 1F IN (C/23) 14EN LET be="GOOD! 70%" GO TO 1100 1050 IF INT (t/25) 6 THEN LET be="AVERAGE 60%" GO TO 1100 1060 IF INT (t/25) 7 THEN LET be="FAIR 45%": GO TO 1100

1070 IF INT (t/25) <= 8 THEN LET 1100 1090 IF INT (t/25)>10 THEN LET

6\$="A LOAD OF !!!! 10%": GO TO 1

100 2000 PRINT INK 7; PAPER 2; "YOU

ARE ", ba; 2010 FOR n=1 TO 21: PAUSE 5: PRI 2019 FUR W=1 10 21 PHOSE 5 PROSE 5 PRINT AT 18,15;"(P)",AT 18,13;"(P)"; BEEP .001,10

BEEP .01,20; PAUSE 5; PRINT AT 18,15;"(t t)",AT 18,13;"(t)"; AT 18,13

2100 INPUT "Another so Y/N";b#: IF b#="y" THEN RUN

2111 LET a=0: LET b=50: LET c=-1 2200 BEEP a/10000,b: LET a=a+1: BORDER INT (RND*7): IF a=20 THEN LET a=10: LET b=b+1

2210 IF b=60 THEN LET b=0 2220 GO TO 2200

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code) CASSETTE 4

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A FLYER AND YOUR HISSION

ESTROY THE FUNGALOIDS BY

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SNAKEBITE (machine code)

Eat the snake before it eats you. Variable speed, (very fast at top speed).

LIFE (machine code)

A ZX81 version of the well known game.

3D TIC-TAC-TOE (Basic) 7 of the 8 games are in machine code, because this is much faster than Basic. (Some of these games were previously available form

Played on a 4 x 4 x 4 board, this is a game for the brain. It is very hard to beat the computer at it.

CASSETTE 5

BREAKOUT (machine code)

J Steadman) 8 games for 16k ZX81

RYTE-MAN (machine code) (previously available from Mindseve)



SPACE RESCUE (machine code) (previously available from Mindseye)



BLITZ (machine code)



PLANETOIDS (machine code)

Rotate, move, fire and hyperspace controls. Wide range of choice of speed and difficulty.

f6

DODGEMS (machine code) Dodge the computer's car while eating the dots

DRAUGHTS (machine code) Three skill levels

MERCHANT (Basic)

Make your fortune on trading voyages in the Mediterranean and beyond.

the quality of the soft vare and the smooth as ware and the smooth ac-tion displays created on the screen make the pro-grams worthwhile for any-one who has a ZX-81 and plays games using it.
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Sinclair User,
Sept '83

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What Micro? Games Supplement, Nov '83

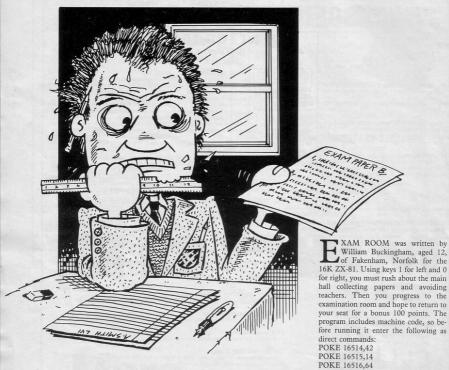
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Trans

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EXAM ROOM

POKE 16510,0 (RND#30)+1;"(11)" 110 PRINT AT X,Y; 1070 NEXT F 1075 PRINT AT 10.0;"(7*15P'1"|SP 120 LET L=USR 16514 130 IF L>=128 THEN GOTU 500 140 IF L=23 THEN GUTU 300 'i"'isp' 1076 PRINT BT 1,1)"(9h) 150 PRINT "0" JAT 2,1," 180 GOTO 70 1080 FOR F=1 TO 9 35 PRINT AT 0.0;"(1sp exam roo 300 LET S=S+1 310 LET T=-T 1090 PRINT AT F,10;" (1sp)" m:5%1sP:main hall:0%1sP)"
40 FOR F=1 TO 19
45 PRINT AT F.0;"(1sP:30%sP:1s 340 GOTO 70 1096 PRINT AT 9,8;" ";AT 11,8;" 500 PRINT AT X, Y, CHR# L 505 PRINT AT 18,5; "ANOTHER GAME 1100 SLOW 7 (Y/N)" 1105 RETURN 55~PRINT AT 20.0;"(32*1sp)" 56 GUSUB 1000 510 PRINT AT 21,0; "YOUR SCORE: 2000 FOR F=1 TO 20 2010 PRINT AT 1,1,"(10)";AT 1,1; 61 PRINT AT X,Y;"0";AT X-1,Y;"
';AT X-2,Y;" ",AT X-3,Y;" "
62 FOR F=1 TO 50 515 INPUT A (ah) 520 IF A=="Y" THEN RUN 530 GOTO 500 1020 FOR F=1 TO 110 2020 NEXT F 2030 LET S=5+100 2040 PRINT AT 21,0,"BONUS 100.YU UR SCORE: ";S 80 LET X=X+T
100 LET Y=Y+(INKEY@="0")-(INKEY 1030"PRINT AT INT (RND*18)+1, INT 2045 PAUSE 4E4 (RND*30)+11"* 2050 CLS 180"LET Y=Y+(INKEY=="0")-(INKEY 1040 NEXT F 1050 FOR F=1 TO 20 2060 GOTO 20 9998 SAVE "EXAm"

1060 PRINT AT INT (RND#18)+1, INT

POKE 16517,78

POKE 16518,6 POKE 16519,0 POKE 16520,201

9999 RUN

1 REM 1234567

2 CLS

31 FAST

50 NEXT P

63 NEXT F 70 PRINT AT X,Y," "

101 IF X=1 AND Y=1 THEN GUTO 20

10 LET S=0

20 LET X=19 25 LET Y=30

30 LET T=-1



left with 5 and right with 8.

Star was written for the 16K Spectrum by P Loach of Hadleigh, Suffolk.

10 GU SUB 9000 20 FOR f=1 TO 20 30 FOR 9=1 TO 22 GO SUB scrol 1: NEXT 9: GU SUB 1000+1000*1NT (RND*4): NEXT f

40 INK 1: PAPER 5: FLASH 1: CL S FOR f=1 TO 50 BEEP .05,f B URDER f/7 NEXT f PRINT#0;"

YOU SAVED EARTH" BEEP 1,10
50 PRINT AT 1,5; FLASH 1; "Another game ?"''' FLASH 0;" You s
cored ";s'" & reached adventure

60 IF INKEYS="9" OR INKEYS="Y"

HEN RUN 70 IF INKEY#="n" OR INKEY#="N" THEN

THEN GO TO 9999 80 GO TO 60 500 POKE 23692,20: PRINT AT 21,

9'': RETURN

600 BEEP .01,0: LET x=x+(INKEY "8" AND x<30)-(INKEY#="5" AND x RETURN

650 IF SCREEN\$ (1,x)>"" THEN R FTURN

660 GO TO 710

760 IF ATTR (1,x)(8 THEN RETUR

710 INK 6: PAPER 2: FLASH 1: CL

720 FOR 9=1 TO 30: BEEP .05.9: BURDER 9/7: CLS : NEXT 9: GO TO 50

1000 LET P=15 1010 FOR 9=1 TO 100: GO SUB scro 11: PRINT AT 0,x; INK 6;"s" 1020 PRINT AT 21:0; PAPER RND*5+

";AT 21;P; PAPER 0;" O SUB move: GO SUB hit: LET s=s+ 1: LET P=ABS (P+INT (RND#3)-1-(P

2000 INK 3: FOR 9=1 TO 100 LET s=s+1: IF RND>RND THEN PLOT 8*I

s=s+1: IF KND/KND THEN PLUT B#1 NT (RND#27)/7: DRAW 39,0 2010 GU SUB scroll: PRINT AT 0,x ; INK 6;"s": GU SUB move: GO SUB hiti: NEXT 9: RETURN

3000 INK 7: FOR 9=1 TU 100: LET s=s+1: GO SUB scroll: PRINT TAB

RND#31; BRIGHT 1;"*";AT 0;x; INK 6;"s";AT 21;x; BRIGHT 1;"*" AND RND>.3: GO SUB hit: GO SUB move NEXT 9: RETURN

4006 INK 6: CLS: FOR 9=1 TO 100
LET a=ATTR (1,x): LET 1=INT (R
ND*S+1): GO SUB scroll: PRINT TA
B RNO%31; INK 1; FLASH 1=2: "#"/| A
T 0,x; INK 6; "*": IF a>127 THEN

GO TO 719

4010 LET s=s+2*a: BEEP a/20,0: G U SUB move: NEXT 9: RETURN 9000 FLASH 0: BRIGHT 0: BORDER 0 PAPER 0: INK 2: CLS 9010 LET hit1=650: LET x=15: LET

scroll=500: LET move=600: LET h

it=700: LET s=0 9020 PRINT INK 6: TAB 9: "SPACE V

9020 PRINT INK 6:THB 9:"SPRCE V OYAGE":" You are lost in unknow n space":" During your voyage yo u will ":" meet some space rubbi sh":"You must avoid this at all cost"" "Also you may meet a blac

cost""Riso you may meet a blac k hole""% inside you must not t ouch the""sides.Riso you must a yoid all""stars.Finally you gai n fuel by"' "crashing into the co loured fuel"' "dumPs () but bewa re, the red "' "dumPs are boobs tr apped"

9030 PAUSE 1: PAUSE 0: RESTORE 9 030: FOR F=0 TU 7: READ 9: PUKE USR "s"+f, VAL ("BIN "+STR\$ 9): N EXT f: RETURN : DATA 11111111,10 0100,111100,1100011,1111110,1111 1111,9,1111110 9999 BORDER 7: PAPER 7: INK 0: F

LASH Ø

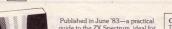
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280 RUN



minute, therefore 3,000/50=one sec-

ond. The clock may jump variables according to variable "L".

RIVER RESCUE

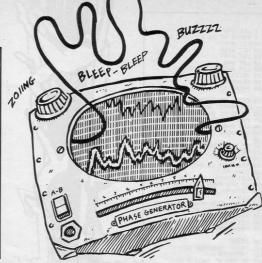
SE KEYS 5 and 8 to move the boat at the bottom of the screen to catch the people falling from the sky. When three people have drowned your score is given.

River Rescue was written by Julian North of Pontefract, West Yorkshire.





1 PRINT AT 10,5; "Phase lead a nd la9" 2 PAUSE 100 3 015 4 PRINT AT 5,0; "This Programm e will help you to understand A .C. theory and the study of wave It Plots Graphs of sinusoidal functions for various Phase angles" 5 PAUSE 300 8 CLS 10 INPUT "IF w=aSIN (wt+&) tup angle & in multiples of PI r e9 0,.5,1,-,5 etc an d ENTER", 11 IF a=0 THEN PRINT "SIN (wt +%),&=";a: GD TO 15 14 PRINT "SIN (wt+&),&=";a;"PI 15 FOR n=0 TO 255 20 PLUT n.88+50*SIN (n/128*PI+ AXPI) 30 NEXT n 40 INPUT "type cl to clear scr een or any letter to continue"; 50 IF as="cl" THEN GO TO 7 60 IF as<>"cl" THEN GO TO 10



PHASE is a useful program for anyone studying physics, as it demonstrates the idea of phase lead and lag. It plots graphs of sinusoidal functions for various phase angles. It was written by G W Davies of Ammanford, Dyfed for the 16K Spectrum.





1 LET S-PI-PI
2 LET AB-"(ZKIAP'(ZKIAP'(ZKIAP')
2 LET AB-"(ZKIAP'(ZKIAP'(ZKIAP')
15 LET BB-"(ZKIAP'(ZKIAP')
28 LET BB-"(ZKIAP')
28 LET B-CODE "(SC)"
28 LET B-CODE "(SC)"
30 FRINT AT 0.010B), AT 4.018B), AT 0.010B, AT 1.010B, AT 1.01

USE KEYS "5" for left and "8" for right to move on to the floating logs and lily pads as you make your way across the river. Use key "7" to jump. Press the break key to return after the game is over.

Hoppitt for the 16K ZX-81 was written by Mark McLeod of Aylesbury, Bucks.

AVEMAN is for the 1K ZX-81 by A Chetwode of Ramsbury, Wilts. You are a caveman hunting in the woods for supper. You throw stones at birds passing overhead with key "P". Twenty-five birds fly overhead at different angles and your score is shown.



80 LET D=0 10 LET M=0 20 PRINT AT 0,0;"WHAT RANGE 5-

THE OBJECT of Sniper-Fire is to destroy the target on your right as many times as possible. You select your range, then control aim with "A"=UP, "Z"=DOWN and "NEWLINE" =FIRE.

It was written by James Knowles of Aldershot, Hampshire for 16K ZX-81.

30" 30 40 IF E>=31 UR E<=4 THEN GUTO 20 45 CLS 50 LET R=10 60 LET B=24 70 LET C=0



90 PRINT AT 5,21) "MISSES...";C 100 PRINT AT 7,21) "HITS....";D 110 PRINT AT 3,21) "RANGE...";E 120 PRINT AT 10,21) "HIGH..."; 130 PLOT 0, A 140 PLOT E.B 150 UNPLOT 0,A 160 UNPLOT E,B 170 IF INKEYS=CHRS 118 THEN GOT 0 220 180 LET F=INT (RND#2) 190 IF F=0 THEN LET B=B+1 200 IF F=1 THEN LET B=B-1 210 LET R=R+(INKEY#="R")-(INKEY 9="Z") 215 GOTO 130 220 FOR N=1 TO E 225 PLOT E.B 230 PLOT N.A 240 UNPLOT NA 250 IF N=E AND A=B THEN GUTO 28 260 IF N=E AND AK>B THEN GOTO 3 40 270 NEXT N 280 FOR N=1 TO 5 290 PRINT AT 0,0,"hit" 300 PRINT AT 0,0," 310 NEXT N 320 LET D=D+1 330 GOTO 90 340 FOR N=1 TO 5 350 PRINT AT 0.0,"miss" 360 PRINT AT 0.0;" 370 NEXT N 380 LET C=C+1 390 IF C=4 THEN GOTO 410 400 GOTO 90 410 IF DOM THEN LET MED 420 CLS 430 GOTO 20



1 REM ****COCONUT CLIMBER****
5 REM ***set up variables***
6 POKE 23658,8

10 PAPER 6: BURDER 6: CLS 20 FOR a=0 TO 7: READ b: POKE USR "a"+a,b: NEXT a

30 DATA 24,24,255,24,24,36,66, 0

40 LET X=5: LET Y=31 50 LET C=5: LET D=31 60 LET SC=0

62 GO SUB 400

65 PRINT AT 14,3; "ENTER YOUR S KILL LEVEL(1-3)"

70 PAUSE 0: LET J=VAL INKEY® 75 IF JK1 OR J>3 THEN GO TO 6

80 LET J=J*15

90 CLS 100 REM *****Print screen****

130 PRINT AT 17,0; INK 0;"-

140 FOR a=18 TO 21 150 PRINT AT a,0; PAPER 1;"

160 NEXT a

190 PRINT AT C.D." "
200 PRINT AT X.Y." "
202 PRINT AT 0.0. INK 4," (sp:19 2:3*i98:i91:sP:i92:3*i98:i91:sP: i92:3*i98:i92:sP:i92:3*i98:i91:s

P:192:3*i98:191:sP)"
203 PRINT AT 21:00 PAPER 1; INK
7;"NUMBER OF COCONUTS= ";SC 205 LET C=X: LET D=Y 210 LET X=X+1

220 IF X<16 OR X<-16 THEN GO S

UB 300

225 PRUSE 4 230 IF X=17 THEN GO SUB 320 240 IF X=20 THEN GO TO 900 250 IF X=1 OR X=-1 THEN GO SUB

340 259 IF SC=0 THEN GO TO 262 260 LET G=SC/15: IF G=INT G THE N PRINT AT 1.0;" @ @ @ @ @ @ @ @ @ @ @ @ @

261 LET G-SC/J: IF G-INT G THEN PRINT AT 17,0)"-----

270 IF Y<0 THEN LET Y=0 280 IF Y>31 THEN LET Y=31

290 GO TO 190 300 LET Y=Y+(INKEY#="P" >-(INKEY 歩="0")

310 RETURN 320 IF SCREEN\$ (X,Y)="-" THEN

LET X=-X 330 RETURN

340 IF SCREENS (X,Y)="@" THEN LET SC=SC+1 350 RETURN

400 PRINT

INSTRUCTIONS

410 PRINT " COCONUT CL IMBER!

420 PRINT " BY N
IGEL HURST"
430 PRINT '" YOU HAVE TO COLLEC T COCONUTS BYBUUNCING UP AND DOWN ON THE STEPING STONES, YOU

GET A NEW SET OF COCONUTS WHEN Y OU CLEARED" 440 PRINT "THE SCREEN. THE STONE

S DISAPEAR AS YOU BOUNCE ON THE M ,BUT YOU GET NEW STONES EVERY SO OFTEN DEPENDING ON YOUR SK TILL.

450 RETURN 900 PRINT AT 10,10; FLASH 1; BR IGHT 1; "YOU DROWNED"



OLLECT as many Coconuts your skill level. Bounce left with P and as possible by bouncing on the move right with Q. ones appear at intervals, depending on Sussex.

stepping stones. The stones dis- Written for the 16K Spectrum by appear as you bounce on them but new Nigel Hurst of Upper Hartfield, East

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I uttered the last incantations as the clock struck trimeen. All fell slent except for a faint rustling in the corner. From out of the shadows they came all Hell's fury against me but I was not defenseless until the Arigel of Death, as the control of the shadows they control to the shadow they control to the cattle winged horse, joined the battle valding his botts of hell fire. I took careful aim. My chances were slim. but

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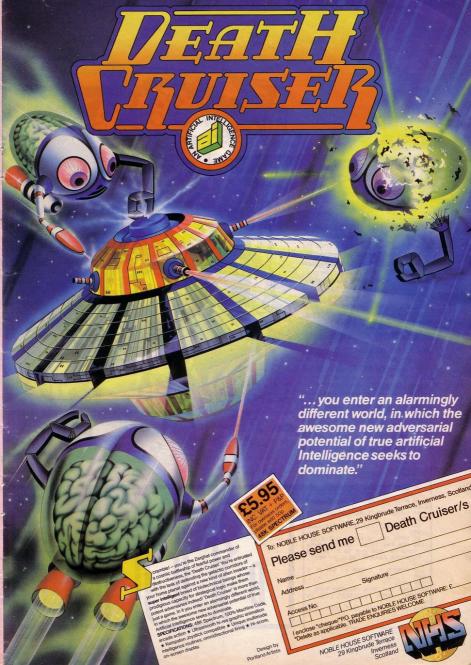
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SE THE CURSOR keys to climb the ladders, slide down the mine shafts and avoid the monsters, the escaped pit trucks, the rotting planks, and the mysterious moving wall. Collect the gold and the picks and then proceed to the bottom righthand corner to move to the next level.

To enter, type-in the first program, RUN it, then type CLEAR. Type 'SAVE' "Builder" LINE 1', VER-IFY it and then type NEW. Enter the second program, save it with SAVE "Builder" line 9999 and VERIFY it. Builder can then be LOADed as one program.

Written for the 16K Spectrum by Ian McNair of Kingston-upon-Thames, Surrey.

LEAR PRINT AT 10,9; FLASH 1,"P LEASE WAIT! 10 DATA "A",187,187,0,238,238,

0,119,119 15 DATA "B",56,60,25,126,152,6 0,36,36

20 DATA "C", 20, 164, 170, 116, 88, 92,124,56

25 DATA "E",0,112,28,48,120,12 4,60,24 30 DATA "F",0,255,171,213,255,

0,0,0 35 DATA "G",0,0,0,255,255,255, 126,60

40 DATA "H",66, 6,66,66 45 DATA "I",76,88,120,120,88,7

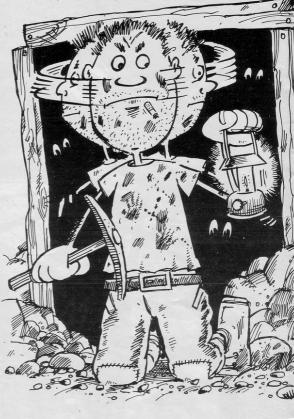
6,64,64 50 DATA "L", 126, 62, 14, 6, 6, 14, 6

55 DATA "U",30,6,2,0,0,2,6,30 100 FOR F=1 TO 10 RESTORE 5+5* READ F* FOR N=0 TO 7: READ A POKE USR F#+N, A: NEXT N: NEXT

110 BURDER U: PAPER U: INK 7: C

120 LUAD "" 9998 REM FOR MAIN PROGRAM TYPE CLEAR : SAVE "BUILDER" LINE 99

9999 CLEAR : SAVE "BUILDER" LINE



PAPER 0: BURDER 0: INK 3: C S : DIM z(6): DIM z\$(6,10): FOR f=1 TO 6: LET z(7-f)=100+100*f: LS LET z\$(f)="SPECTRUM": NEXT f

10 DIM o(2): DIM P(2): LET o(1 LET P(1)=5: LET o(2)=8: s=0: FOR m=3 TO 1 STEP -1: LET UVER 0: PRINT AT 5.5;" MEN:";m ," ";AT 6.5;" SCURE:";s;" "; T P(2)=27: CLS : LET she=1: LET AT 7,5;" SH 0,4;" PRESS 7,5)" SHEETS:";&he;" ";AT 1 4)" PRESS ANY KEY TO PLAY " 20 IF INKEY•<>"" THEN GO TO 2

8 30 IF INKEY = "" THEN GO TO 30 100 BORDER 0: INK 7: OVER 0: CL PRINT #\;TAB 9;"By Ian McN AD a: FOR f=1 TU a: READ b.c.9 PRINT AT b,c;; FUR h=1 TU 9: PR INT INK 2: "a"; NEXT h: NEXT f 101 INK 6: RESTURE 9992: READ a

FOR f=1 TU a: READ b.c.9: FOR h=1 TO 9: PRINT AT b.c.: "h": LET b=b+1: NEXT h: NEXT f

102 INK 5 RESTORE 9994 READ a FOR f=1 TO a: READ b.c: PRINT AT b.c: "e": NEXT f 103 INK 2: RESTORE 9996: READ a

FOR f=1 TO a READ b.c PRINT AT b.c."a": NEXT f 104 INK 4: RESTURE 9998: READ a

FOR f=1 TO a: READ b.c: PRINT T b.c."1": NEXT f 109 FOR o=1 TO 2: PRINT AT o(a) ,P(a); OVER 1; INK 8; "c" : NEXT o

: FOR f=3 TO 18: PRINT AT f,1;"! "' NEXT f: FOR f=8 TO 17: PRINT RT f.26;"|": NEXT f

110 INK 2: PLOT 0.0: DRAW 255.0 DRAW 0,175: DRAW -255,0: DRAW 0,-175: LET bon=0: LET sta=4: LE 1 axe=0 LET x=1 LET dr=0 LET y=29 INK 5 PRINT AT x,y; 'b' AT 21,14) INK 4; "MEN '';m; " SCORE '"

199 FOR f=19 TO 21: PRINT AT f. 30) INK 6:"h": NEXT f

200 FOR V=40 TO 0 STEP -2: PRIN T AT 0,2; OVER 0; "TIME: "; INT V; FOR f=14 TO 28: PRINT AT 19 f; OVER 1; BRIGHT 1; INK 6; "9"; A

7 16.-12+f;"9" 201 OVER 1: GO SUB 300: PRINT B T 6,23; "BONUS: "; bon; AT 7,23; "PIC
KS: ";axe: IF INKEY#="0" THEN IF
ATTR (x,y)=5 THEN LET bon=bon+ 10: PRINT OVER 1) AT X, 4; INK 6;

202 IF INKEYS="0" THEN IF ATTR (x,y)=4 THEN LET axe=axe+1: PR NT OVER 1; INK 6: PT x,y;"1"

205 IF x=19 AND y=f UR x=16 AND 9=-12+f THEN GU TU 9690 252 GU SUB 9500: PRINT AT 16,-1

2+f; OVER 1; INK 6; "9"; AT 19, f; 9" 260 NEXT f: LET V=V-2: PRINT AT

0.2: OVER 0: "TIME:"; INT v: " ": FOR f=28 TO 14 STEP -1: PRINT AT 19, f) OVER 1) INK 7; BRIGHT 1; 9";AT 16,-12+f;"9"

265 IF x=19 AND y=f UR x=16 AND y=-12+f THEN GO TO 9698 289 OVER 1: GO SUB 300: PRINT A

6,23; "BONUS: "; bon; AT 7,23; "PIC KS:";axe: IF INKEY=="0" AND ATTR (x,y)=5 THEN LET bon=bon+10: P RINT OVER 1/AT x,4/ INK 7/"e"
290 IF INKEY#="0" AND ATTR (x,4)

)=4 THEN LET axe=axe+1: PRINT OVER 1:AT X:3: INK 7:"1" 299 PRINT AT 19:4: UVER 1: INC

6; "9"; AT 16, -12+f; "9"; GO SUB 95 00: NEXT f: NEXT v: GO TO 9690 300 PRINT AT X, Y, BRIGHT S; PAP ER 8; INK 8; "b": LET x=x+(1 AND ATTR (x+1, y)=7): IF INKEY=="" TH

GU TU 310 301 LET x=x+(INKEY\$="6" AND ATT (x+1,y)=6)-(INKEY=="7" AND ATT (x-1,4)=6): LET 4=4+(INKEY="8 " AND ATTR (x,y+1)<>2)-(INKEYs=" 5" AND ATTR (x,y-1)<>2)

310 IF ATTR (x, 4)<4 THEN GO TO

9690

311 IF (x=15 AND y=13) OR (x=15 AND 9=18) THEN LET x=x+1 312 PRINT OVER 1)AT x,9) INK 8 PAPER 8; BRIGHT 8; "b": OVER 0: F INKEY#="8" THEN IF x=19 THE IF y=29 THEN GO TO 9800 TF

x=19 AND y=28 AND axe>0 313 IF THEN IF INKEYS="0" THEN LET ax

==axe-1: GO SUB 9750 320 GO SUB 500: RETURN 500 FUR o=1 TO 2: LET di=RND: P RINT AT 0(0),P(0); OVER 1; INK 8; BRIGHT 0; "c": LET 0(0)=0(0)+(d 1).7 AND ATTR (0(0)+1,P(0))=6)-0 di(.45 AND ATTR (0(0)-1,P(0))=6 501 LET P(o)=P(o)+(di).65 AND >P(0) AND ATTR (0(0),P(0)+1)(>2) -(di<=.5 AND P(o)>y AND ATTR (o) 0),P(0)=1)(>2): IF ATTR (0(0)+1), P(0))=7 THEN LET 0(0)=0(0)+1, 550 PRINT AT 0(0),P(0); UVER 1;

INK 8; "c": IF o(o)=x AND y=P(o)
THEN GO TO 9690

570 NEXT O: RETURN

9500 IF RND>.5 THEN RETURN 9585 OVER 0: LET rd=INT (RND*2)+
1: IF rd=2 THEN PRINT AT 9,25;
INK 3; BRIGHT 1; ""; PT 11,25; "";
)AT 8,7; ""; AT 15,13; "; AT 14,13; THE 15.137" "HI 14.137" "HI 14.283" (F 16.283" (F 16.28 "JAT 11,25)" "JAT 8,7)) INK 7;" "JRT 11.25;" "JRT 36.73 " ") BRIGHT 1; INK 3JRT 18,25;"E "JRT 15.13;"E"; BRIGHT 0; INK 7; RT 14.13;" "JRT 16.28;" "JRT 67.5;"E" JRT 14.13;" "JRT 3, BRIGHT 1; AT 6,5;"E" JRT 7,15;"E"; AT 8,10;"E"; INK 7; BRIGHT 0; AT 20,11;" "JRT 28,7;

TNK 2:" # 9530 OVER 1 RETURN

9600 CLS : FOR f=1 TO 6: PRINT A T 0+f*2,2;f;"..";z(f);".B9.. (f): NEXT f: FOR f=1 TO 6: II z(f) THEN NEXT F

9601 IF F>6 THEN LET F=6 9602 IF S>Z(F) THEN GO TO 9640

9603 NEXT F 9604 FOR f=0 TO 400: NEXT f: GO TO 9700

9640 LET FF=F

9641 IF S=Z(FF) THEN GO TO 9604 9650 PRINT NT FF#2,4; OVER 1; FL INPL ASH 1)" ": INPU T "NAME ...";z\$(FF): IF LEN z\$(FF)>10 THEN GU TU 9650

9651 BEEP .5.0: LET Z(FF)=s: GU TO 9604

9690 PRINT AT x,v; FLASH 1; PAPE R 2; INK 6; "b": FOR f=0 TO 100: BEEP .05,50-f: NEXT f: BEEP .05; -50 NEXT M 9700 OVER 0: PRINT AT 15.9;

9780 OVER 8: PRINT RT 15,9; FLRS
H 1) "GAME OVER": FOR F=8 TO 40
9780 OVER 8: PRINT RT 15,9; FLRS
H 1; "GAME OVER": FOR F=8 TO 40
0: NEXT F: PRINT RT 17,6; "PRES
- "AT 19,6;" P. PLY": "ST 2
- 6,6; "A. ABONDON. "AT 21,6;" S
- SCORE TRBLE": PRUSE 6: PRUSE

IF INKEYS="s" OR INKEYS="S" HEN GO TO 9600

9701 PRUSE 0: LET am=INKEY#: IF sm="P" OR am="P" THEN GO TO 10 9702 IF am="a" OR am="A" THEN F RNDOMIZE USR 0 THEN R

9703 IF as="a" OR as="S" THEN G 0 TO 9600

9710 GO TO 9701 9750 IF sta=4 THEN PRINT AT 19,

29," 9753 TE STATES THEN PRINT BT 19.

9754 IF sta=2 THEN PRINT AT 19,

9755 IF sta=1 THEN PRINT AT 19.

9756 LET stamsta-1: RETURN

9800 OVER 0: FOR f=6 TO 15: PRIN T AT f.6:" ": NEXT OVER 1: FOR f=7 TO 0 STEP 4: BORDER f: BEEP .15.6: PRINT A T 10.7;" WELL DONE ";AT 13.7; " BONUS: ";bon: NEXT f: LET sms+ bon*2: OVER 0: PRINT AT 7.8; FLA SH 1;" SCURE :";s: FOR f=-50 TO 50 BEEP .05, f NEXT f LET she= shett

9810 DATA 1,0,0,1,0,1: RESTORE 9 9810 FOR f=1 TO 3' BEEP 2.1' PR 815 FOR f=1 TO 3' BEEP 2.1' PR INT OVER 1:AT X.9' INK 8:"b"' R EAD n.m. LET **** LET X****** P RINT OVER 1: INK 8:AT X.9'"b"' BEEP .3.6' NEXT f 9828 GO TO 20

9990 DATA 20,7,16,5,11,4,8,10,5, 5,13,0,13,12,27,5,11,14,12,13,19 ,7,15,19,3,16,22,9,19,0,13,18,18 ,14,17,0,19,15,0,17,20,14,50,4,2 2,10,9,20,12,4,0,18,2,26,6,6,1,1 3,8,1,13

9992 DATA 19,19,23,2,16,16,4,18, 3,3,18,13,3,14,19,4,16,8,3,15,6, 2,13,29,3,11,27,5,12,22,4,9,8,4,10,12,3,5,14,6,3,6,3,7,2,6,3,21, 6,3,18,4,8,30,4,1,25,3 9993 REM

9994 DATA 12,3,28,20,2,20,6,20,9 ,20,12,7,3,9,6,10,10,8,28,10,21, 10,23,14,7 9995 REM

9996 DATA 4,3,23,16,18,19,29,19,

9997 REM

9998 DATA 4,3,2,7,6,12,19,13,28 9999 BORDER 0: PAPER 0: INK 5: LS: FUR f=0 TO 40: BEEP .009.f BEEP .009.f+5: NEXT f: RUN



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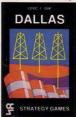
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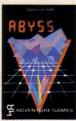
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CAMELOT As the banished Arthur Pendrágon you must find seven treasures without falling prey to the Brigands, Dragons and Evil Maglicians that stand in your way and make a triumphant return to Camelot to be crowned King.

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Strategy Games. They're no pushover

LITE is an addictive dodge 'em game. You must avoid the deadly heat-seeking missiles heading for you and at the same time you must try and hit an enemy target to gain points.

Flite was written by Peter Davies of Streatham, London for the 16K Spectrum.

10 FOR n=0 TO 15: READ a: POKE USR "a"+n, a: NEXT n

20 DATA 0,62,85,127,85,127,85, 62,0,62,127,127,127,127,127,62

25 BURDER 1: PRPER 6: CLS
38 PRINT INK 9;" DODG
", INK 9;"'s and the ", INK 4;"
", INK 9;"'s ", INK 4;"
", INK 9;"'s ", INK 4;" 2;"(9h)"; INK 0;"'s to score Poi nts"''"Control Keys UP.... DOWN. DOWN.

40 LET hs=0: LET mx=INT (RND*2 0)+6: LET my=20

0)+6: LEI MW=20 44 PRINT AT 21:0; INK 0;" PRE SS ANY KEY TO START": PAUSE 1e3 45 CLS : LET s=0: LET 1=3 50 FOR m=1 TO 100 55 LET x=1+INT (RND*31): LET y

=1+INT (RND*20) 60 IF SCREENS (9,x)="" THEN G

U TU 55 70 PRINT AT 9,x; INK 2;"(9a)":

NEXT n 80 FOR n=1 TO 20 85 LET x=1+INT (RND*31): LET y

=1+INT (RND*20) 90 IF SCREENS (9,x)="" THEN G

U TO 85

100 PRINT AT 9, x; INK 5, "(9a)": NEXT n 110 PRINT AT 21,0; "SCORE ";s)AT 21,12; "LIVES >>>";AT 21,23; "HI

'sha 115 PRINT AT 21,18+1;"
120 LET x=0: LET y=0

130 IF SCREENS (9,x)="" THEN G TO 200

150 PRINT AT 9,x;">" 155 GO SUB 400

150 IF INKEY\$="z" THEN LET y=y +(y<20): LET z=1: GO TO 190 170 IF INKEY\$="1" THEN LET y=y

170 IF INKEY#="1" THEN LET y=y -(y>0): LET z=0: GO TO 190 180 LET x=x+1: IF x=32 THEN LE T x=1: PRINT AT y>31;" ": GO TO 130

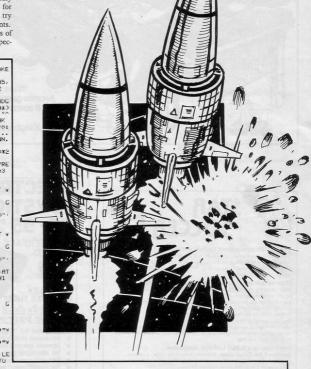
185 LET 7=2 190 PRINT RT 9+(z=0)-(z=1),x-(z =2)," ": GO TO 130 200 IF RTTR (9,x)=48 THEN GO T

0 150 205 IF ATTR (9,x)<>50 THEN GO TU 210

206 LET s=s+10: IF s/1000=INT (s/1000) THEN CO TO 300 207 PRINT RT 21,6)s: BEEP .01,2

0: GO TO 150

210 PRINT FLASH 1)AT 9/x;"(91)
": FLASH 0: PRINT AT 21,17+1;" "
: LET l=l-1: IF l=0 THEN GO TO



249 220 BEEP .01.0: GO TO 120 240 IF hs<s THEN LET hs=s 250 PRINT AT 21.26;hs 260 PRINT AT 11.0; FLASH 1; INK 3;"Another Go ? (9/n)" 270 IF 1NKEY#="y" THEN GO TO 4

275 IF INKEY#="n" THEN STOP 280 GO TO 270 300 RESTORE 320: FOR n=1 TO 16: READ at BEEP .1.at NEXT n 310 CLS : GO TO 50 320 DATA 0,12,2,10,3,8,4,7,7,4, 400 IF my<20 THEN PRINT AT my+

401 IF SCREEN\$ (my,mx)=">" THEN GO TO 210 405 IF SCREEN\$ (My, mx)="" THEN LET mx=RND*20+6 BEEP .01,40 L

ET my=20: RETURN 416 PRINT BT my, mx; INK 4; "^"; LET my=my-1

420 IF my=0 THEN PRINT AT my+1 mx)" ": LET mx=RND*20+6: LET my =20: RETURN 430 RETURN





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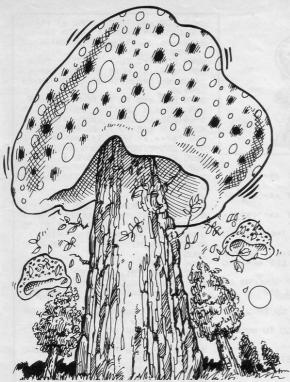
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TREE

REE EATERS for the 16K Spectrum was written by A Beardmore of Stoke-on-Trent, Staffs. Stop the Martians eating our forests for the vital resources they lack on their planet.

I BORDER 0: PAPER 0: INK 6: C

2 PRINT "YOU(96) MUST KILL TH TREE ERTERS ") INK E MARTIAN 2) "9P") INK 6; " AT ALL COSTS": P RINT "BUT DON'T KNOCK DOWN THE T REES": PRINT : PRINT "0=UP. K=DO WN. SERIGHT. NELEFT. " PRINT : PRINT "BUT CAREFUL YOU HAVE NO B RAKE"

3 PRINT AT 21,0; "PRESS ANY KE

Y TO START GAME"

15 GO SUB 8000: PAUSE 0

16 FOR a=0 TO 21: INK 2 17 PRINT AT 3,0;"

": NEXT a.

20 PRINT AT 1,1; TNK 6;"(30*9a)"; RT 21,1;"(30*9b)"

21 INK 6

25 FOR a=2 TO 20: PRINT AT a,0 ;"(9c)";AT a,31;"(9d)": NEXT a

29 LET a=0

36 PRINT AT INT (RND*19)+2, INT (RND*30)+1; INK 4;"(9e)": LET a =a+1: IF a<80 THEN GO TO 30

40 PRINT AT 9,14;"(9a)";AT 9,1 6; "(9a)"; AT 12,14; "(3*9b)"

50 FOR a=10 TO 11: PRINT AT a. 13; "(9c)"; AT a, 17; "(9d)": NEXT a PRINT AT 8,14; INK 2;"

55 PRINT AT 0,1; "SCORE:=0

TREES KILLED := 0 "

60 LET x=0

65 LET sc=0: LET tr=0

76 LET as="(99)"

80 LET oP=0: LET a=11: LET s=1

85 LET 4=INT (RND*19)+2: LET ω =1MT (RND*30)+1

86 PRINT AT 9, W; INK INT (RND*

3)+1;"(9P)"

100 PRINT AT avsias

120 IF INKEYs="a" THEN LET x=1

130 IF INKEY#="s" THEN LET x=2

140 IF INKEYS="o" THEN 150 IF INKEY##"k" THEN LET X=4

155 PRINT AT a.s; INK 2;" "

170 IF x=1 THEN LET as="(9h)":



LET s=s-1 171 IF x=2 THEN LET as="(9i)": LET s=s+1 172 1F x=3 THEN LET as="(of)": LET a=a-1 173 IF x=4 THEN LET as="(99)": LET 3.=3.+1 175 IF ATTR (a,s)=6 THEN CO SU B 410: LET OP=1 176 IF a=9 AND s=w THEN BEEP . 05,40: LET sc=sc+10: LET oP=1: G O SUB 500: GO TO 85 177 IF OP=0 THEN IF SCREEN\$ (a sxxx" " THEN GO SUB 400 178 LET oP=0 180 IF sc>500 THEN GO TO 9700 200 PRINT AT austas 210 IF tr>15 THEN GO TO 9000 250 LET op=0 300 GO TO 100 405 BEEP .09,-20: LET tr=tr+1: GO SUB 500 406 RETURN 410 IF x=1 THEN LET s=s+1 411 IF x=2 THEN LET s=s-1 412 IF x=3 THEN LET a=a+1 413 IF x=4 THEN LET a=a-1 420 PRINT AT a, s;a#: RETURN 500 PRINT AT 0,8;sc;AT 0,28;tr 510 RETURN 8000 FOR a=0 TO 7: READ s: POKE USR "a"+a,s: NEXT a: DATA 0,0,0, 0,24+36,128+64+3,255,255 8616 FOR a=0 TO 7: READ s: POKE USR "b"+a,s: NEXT a: DATA 255,25 5,128+64+3,24+36,0,0,0,0 8020 FOR a=0 TO 7: READ s: POKE USR "c"+a,s: NEXT a: DATA 7,7,11 ,11,11,11,7,7 8030 FOR a=0 TO 7: READ s: POKE USR "d"+a/s: NEXT a: DATA 128+64 +32,128+64+32,128+64+16,128+64+1 6,128+64+16,128+64+16,128+64+32, 128+64+32 8040 FOR a=0 TO 7: READ s: POKE

USR "e"+a,s: NEXT a: DATA 24,24+

36+2,24+36+66,255-129,24+36,24,2

USR "f"+a,s: NEXT a: DATA 24+36, 24,24+36,36,24+36,24+36,24+36+66 ,24+36 8060 FOR a=0 TO 7: READ s: POKE USR "9"+a,s: NEXT a: DATA 24+36, 24+36+66,24+36,24+36,36,24+36,24 ,24+36 8070 FOR a=0 TO 7: READ s: POKE USR "h"+a/s: NEXT a: DATA 0/2/25 5-64,255-16,255-16,255-64,2,0 8080 FOR a=0 TO 7: READ s: POKE USR "i"+a,s: NEXT a: DATA 0,64,2 55-2,255-8,255-8,255-2,64,0 8090 FOR a=0 TO 7: READ s: POKE USR "P"+a,s: NEXT a: DATA 24,24+ 36+66,24+36+66,255-36,255,255-12 9,36,36 8500 RETURN 9000 CLS : PRINT "SCORE ";sc; P RINT : PRINT "YOU KNOCKED DOWN T OO MANY TREES": PRINT : PRINT "S O YOU WERE THROWN OUT": PRINT PRINT : PRINT INK 7; "RATING" 9005 PRINT 9006 FLASH 1 9007 BEEP .01,40: BEEP .1,20: B EEP .02,40: BEEP .1,15: BEEP .03,40: BEEP .1,10: BEEP .1,20: BEE P .1,40 9010 IF sc>500 THEN PRINT "FANT ASTIC": GO TO 9100 9011 IF sc>400 THEN PRINT "VERY G000": G0 T0 9100 9012 IF sc>300 THEN PRINT "GOOD ": GO TO 9100 9013 IF sc>250 THEN PRINT "NOT BAD": GO TO 9100 9014 IF sc>200 THEN PRINT "BAD" : GO TO 9100 9015 IF sc>150 THEN PRINT "VERY BAD": GO TO 9100 9016 IF sc>100 THEN PRINT "OLD GRANNY": GO TO 9100 9017 IF sc>=0 THEN PRINT "FORGE T IT": CO TO 9100 9100 GU TO 9500 9500 FLASH 0: PRINT AT 21,0;"AND THER GO(Y/N)" 9600 IF INKEY#="" THEN CO TO 95 100 9610 IF INKEY#="9" THEN RESTORE : GO TO 1 9620 IF INKEY#="n" THEN GO TO 9 999 9630 GO TO 9500 9700 CLS : BEEP .05,40: BEEP .05 ,30: BEEP .05,50: BEEP .1,30: BE EP .1,40: BEEP .1,20: PRINT "YOU HAVE KILLED ALL THE TIAN TREE EATERS. . WELL DONE . . " : BEEP .01,30: BEEP .01,30: BEEP . 01,30: GO TO 9500

8050 FOR a=0 TO 7: READ s: POKE

4,24



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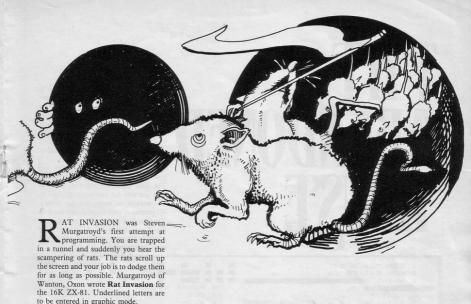
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RAT INVASION

```
10 PRINT AT 0,8, "RAT INVASION"
                                     140 PRINT AT 19,0; "(14*150: i=
                                    1 .. : | =: 14*1SP')
  11 PRINT AT 1,8,"(12%97)"
  12 PRINT AT 4,0," YOU ARE TRAP
                                     150 PRINT AT 20,0,"(14%)SP :92:
PED IN A DARK CAVE AND YOU HEAR
                                     91 : 14% ISP 13"
                                     160 PRINT AT 21,01"(14*150'197'
THE FOOTSTEPS OF
                    SMALL ANIMALS
... rats. YOU HAVE
                                     97:14*
                                              3"
                    NO WERPONS YO
                                     210 PRINT AT 12,E;
U MUST TRY TO GET
                    BY WITHOUT BE
                                     220 IF PEEK (PEEK 16398+256*PEE
ING KILLED."
                                    K 16399)=128 THEN GOTO 500
  14 PRINT AT 14,0,"USE KEYS:",,
"5 LEFT",, "8 RIGHT"
                                     230 PRINT "Y"
  15 PRINT AT 20,0,"ANY KEY....
                                     240 PRINT AT 12,E;" "
                                     250 IF INKEY#="5" THEN LET E=E-
  16 PAUSE 9999
  18 CLS
                                     260 IF INKEY = "8" THEN LET E=E+
  50 LET E=15
  60 FOR F=1 TO 100000
                                     270 NEXT F
  70 PRINT AT 15, RND#30; "(3#1SP)
                                     500 PRINT AT 16,12, "score ." ,F
                                     510 PAUSE 999
  80 SCROLL
                                     520 CLS
 100 PRINT AT 15,0,"(9w:30*96:99
                                     530 PRINT AT 11,2, "PRESS ANY KE
                                    Y TO TRY AGAIN"
 110 PRINT AT 16,0;"(31*TSP)"
                                     565 PAUSE 4E4
 120 PRINT AT 17.01"(12#1SP : rat
invasion (BX (SP')"
                                     566 GOTO 18
 130 PRINT AT 18,0; "fafafafafafafa
                                     570 SAVE "RAT INVASION"
```

580 RUN

fafafafafafafafafafafa

THE ABANDONED HOUSE

HE ABANDONED HOUSE is a 16K ZX-81 adventure game and is this month's program of the month. The author is Stephen Murgatroyd, aged 14, of Wantage, Oxon who has been programming since he received his ZX-81 in July. He is keen on adventure games and this is his first attempt at this type of game.

Caught in a fierce electric storm, you seek shelter in an abandoned house. The door closes behind you, there is only one way out and you must find it. You explore the house, you are given a 3D picture of each room as you enter it. You can find treasure or weapons but the house holds other secrets. The graphics are very good and add to the eerie atmosphere.

```
1 REM "ESCAPE"
   2 FOR F=1 TO 22
     PRINT
                                     . .
                                     35 PAUSE 200
     NEXT F
                                      40 CLS
   5 PRINT AT 10,8;"
                                     50
                                        SLOW
                                     55 PRINT AT 0,5; "ESCAPE"
                                     56 PRINT AT 1,5; "***
   6 PRINT AT 11,7; "
300000 **
                                     50 PRINT AT 2,0;" YOU ARE TRAP
    PRINT AT 12,6;"
                                   PED IN AN ENORMOUS STORM, AND YOU
R CAR HAS BROKEN
                                                     DOWN.YOU WALK
   8 PRINT AT
              13,7;"
                                    ALONG A ROAD LOOK-ING FOR A HOU
WHEEL:
                                   SE . "
   9 PRINT AT 14,7;"
                                     65 PRINT AT 6,0;" FINALLY YOU
                                   FIND ONE AND KNOCK ON THE DOOR ..
  10 PRINT AT
              15.7:"
                                     80 PRINT AT 18,0; "PRESS ANY KE
  11 PRINT AT 16.7:"
10000000 **
                                     85 IF INKEY$="" THEN GOTO. 85
  12 PRINT AT 17,7;"
                                     86 CLS
*
                                     90 PRINT AT 0,0; "THE DOOR OPEN
  13 PRINT AT 18,7; " .....
                             30000000
                                   S YOU ENTER
                                                       THERE IS NO T
300000 ...
                                   URNING BACK .....
                                     91 PRINT AT 4,0; "THERE IS MAGI
  14 PRINT AT 19,7;"
**********
                                   C GOLD IN THE HOUSEWHICH WILL HE
  15 PAUSE 100
                                   LP YOU ESCAPE.
  16 PRINT AT 0,30;" "
                                     92 PRINT AT 7,0; "FIND THE WEAP
  17 PRINT AT 1,29;" "
                                   ONS FOR THEY WILL HELP YOU SURV
              2,28; " "
  18 PRINT
           AT
                                   IVE."
              3,27;"
  19
    PRINT
           AT
                                     95 PRINT AT 10.0; "THE HOUSE IS
  20 PRINT AT
              4,26;"
                                    FILLED WITH MANY
                                                        HORRORS.YOU
              5,25;"
  21 PRINT
           AT
                                   MUST TRY TO ESCREE"
  22 PRINT AT
              6,24;"
                                   96 PRINT AT 14,0;" THE GOLD AN
D WEAPONS ARE WORTH SOME MONEY S
  23 PRINT AT 7,23;" "
              8,22;" "
  24 PRINT
           AT
                                   O LOOK AFTER THEM."
  25 PAUSE 15
                                    100 PRINT AT 18,0; "PRESS ANY KE
  26 CLS
                                     TO BEGIN"
  28 FAST
                                    105 IF INKEYS="" THEN GOTO 105
  29 FOR F=1 TO 22
                                    109 CLS
  30 PRINT "
                                    300 LET
                                            5=100
                                    310 LET G=0
    NEXT F
                                    320 LET W=0
  32 PRINT AT 6,6; "STAPLEN MURRE
                                    500
                                        CLS
TROYD
                                    505 SCROLL
  33 PRINT AT 8,9; "PRESENTS
                                    506 SCROLL
  34 PRINT AT 12,3;"
                                    510 LET As="A LIBRARY."
                                    520 LET BS="A HALL."
                     530 LET C$="A LOUNGE."
```



```
531 LET Ds="A KITCHEN."
                                  682 PRINT AT Z,5;" "; AT Z,24;"
532 LET Es="A CELLER."
                                   683 NEXT Z
533 LET
        G$="A KITCHEN."
                                   684 PRINT AT 20,8; "YOU ARE FACI
                                 NG "; AT 21,8; F$
534 LET HS="A BEDROOM."
540 LET A=INT (RND *7) +1
                                  685 SLOW
550 IF A=1 THEN LET F$=B$
                                  686 PAUSE 100
560 IF A=2 THEN LET F$=A$
                                  690 RETURN
                                  700 PRINT "(1) EXPLORE (2) LOOK
570 IF A=3 THEN LET F$=C$
                                       TRAPS"
    IF A=4 THEN LET FS=DS
580
                                  FOR
582 IF A=5 THEN LET F$=E$
                                   710 INPUT U
584 IF A=6 THEN LET F$=G$
                                  720 IF V=1 THEN GOSUB 1000
586 IF A=7 THEN LET F$=H$
                                   730 IF V=2 THEN GOSUB 1100
595 GOSUB 659
                                   735 SCROLL
600 SCROLL
                                  736 SCROLL
602 SCROLL
                                   740 GOTO 510
610 IF F$=A$ THEN GOSUB 700
                                  800 PRINT "(1) EXPLORE (2) LEAU
620 IF F$=B$ THEN GOSUB 800
                                 E ..
630 IF F$=C$ THEN GOSUB 900
                                  810 INPUT E
631 IF F$=D$ THEN GOSUB 800
                                   820 IF E=1 THEN GOSUB 1000
632 IF F$=E$ THEN GOSUB 700
                                  830 IF E=2 THEN GOSUB 1300
534 IF F$=G$ THEN GOSUB 900
                                  833 SCROLL
636 IF F$=H$ THEN GOSUB 700
                                   836 SCROLL
640 SCROLL
                                   840 GOTO 510
                                   900 PRINT "(1) EXPLORE (2) REST
650 SCROLL
659 FAST
                                   (3) LEAVE"
660 CLS
                                   910 INPUT O
661 PRINT AT 5,5;"
                                   920 IF 0=1 THEN GOSUB 1000
                                   930 IF 0=2 THEN GOSUB 1400
562 PRINT AT 19,5;"
                                   940 IF 0=3 THEN GOSUB 1300
                                   943 SCROLL
663 FOR Z=0 TO 4
                                  946 SCROLL
664 PRINT AT Z,Z;"."
                                  950 GOTO 510
665 NEXT Z
                                  1000 SCROLL
666 LET X=0
                                  1005 SCROLL
667 FOR Z=29 TO 25 STEP -1
                                  1010 LET A=INT (RND *4) +1
668 PRINT AT X,Z;".""
                                  1020 IF A=1 THEN GOSUB 1500
669 LET X=X+1
                                  1030 IF A=2 THEN GOSUB 1600
670 NEXT Z
                                  1040 IF A=3 THEN GOSUB 1700
671 LET X=4
                                  1041 IF A=4 THEN GOSUB 1320
672 FOR Z=20 TO 21
                                 1042 SCROLL
673 PRINT AT Z,X;"."
                                 1043 SCROLL
674 LET X=X-1
                                 1050 RETURN
675 NEXT Z
                                 1100 SCROLL
676 LET X=25
677 FOR Z=20 TO 21
                                 1101 LET A=INT (RND #2) +1
                                 1103 IF A=1 THEN PRINT "THERE AR
678 PRINT AT Z,X;"""
                                 E NO TRAPS HERE.
679 LET X=X+1
                                 1104 IF A=2 THEN GOSUB 1107
680 NEXT Z
                                  1105 PAUSE 80
681 FOR Z=6 TO 18
                                  1106 RETURN
```

1107 PRINT "YOU FIND ONE WHICH L EADS TO" * MMM < > 80 < > 1108 SCROLL 10000 1110 PRINT "ANOTHER ROOM." 20000 27 50000 1111 PAUSE 80 \$5000 < 5000 1112 SCROLL *** . 1114 SCROLL 1000000000 1120 RETURN KILLER RATE " 1300 SCROLL 1645 PRINT "YOU HAVE MET A ":Ms 1310 RETURN 1315 SCROLL 1648 PAUSE 80 1650. CLS 1320 PRINT "THERE IS NOTHING HER 1651 SLOW E . " 1655 PRINT "HAVE YOU A WEAPON ?" 1330 PAUSE 80 1340 RETURN 1656 IF W=0 THEN GOTO 2115 1400 SCROLL 1660 IF W<1 THEN GOTO 1660 1401 LET A=INT (RND *2) +1 1665 PRINT "YES" 1402 IF A=1 THEN PRINT "YOU REST 1670 LET W=W-1 AND THEN MOVE ON . " 1675 PRINT "YOU HAVE KILLED IT" 1403 IF A=2 THEN GOSUB 1406 1680 GOTO 510 1404 PAUSE 80 1700 GOSUB 659 1405 RETURN 1701 SCROLL 1406 PRINT "WHILE RESTING A THIE 1710 PRINT "YOU HAVE FOUND A WEA F COMES BY" PON" 1407 SCROLL 1711 PRINT AT 9,14;" # " 1408 PRINT "AND TAKES YOUR GOLD 1712 PRINT AT 10,14;" . AND WEAPONS." 1713 PRINT AT 11,14;"... 1714 PRINT AT 12,14;" 1409 LET G=G-G 1715 PRINT AT 13,14;" 🖀 " 1410 LET W=W-W 1716 PRINT AT 14,14;" 1411 PRUSE SO 1717 PRINT AT 15,14;" 1413 SCROLL 1718 PRINT AT 16,14;" ... 1414 SCROLL 1719 PRINT AT 17,14;" . " 1420 RETURN 1720 PRINT AT 18,14; "-1500 GOSUB 659 1725 LET U=U+1 1501 SCROLL 1730 LET 5=5+10 1510 PRINT "YOU HAVE FOUND SOME 1740 IF 5>350 THEN GOTO 1800 GOLD" 1745 SCROLL 1750 SCROLL 1512 PRINT AT 15,8;" 1613 PRINT AT 16,8;" 1760 RETURN 1800 CLS 1514 PRINT AT 17,8;" 1820 PRINT AT 5,10; "YOU HEWE" 1515 PRINT AT 18,6; "** 1830 PRINT AT 8,0;" -M 10 1516 PAUSE 100 ----1520 LET G=G+20 1530 LET 5=5+10 1531 IF 5>350 THEN GOTO 1800 1532 SCROLL 1840 PAUSE 100 1534 SCROLL 1845 CLS 1540 RETURN 1850 PRINT AT 5,0;" WELL DONE YO 1600 FAST U HAVE FINALLY AND THANKFULLY ES 1610 CLS CAPED FROM THE HOUSE AND ITS 1615 LET A=INT (RND +3) +1 MONSTERS."; AT 8,0; " DURING YOUR 1620 IF A=1 THEN LET M\$=" ESCAPE YOU TOOK £"; G*5; ",000 WO RTH OF GOLD AND £"; U*5; ",000 WOR ***** TH OF WEAPONS. 100000 (D) (D) 1851 PRINT AT 14,0; "WOULD YOU LI **** 7.72 KE TO BECOME EVEN 20000 **EXECUTE** 1 RICHER? *** 10 : DI 1855 PAUSE 9999 ****** SUCCESSION STATES 1860 IF INKEY\$="N" THEN GOTO 190 **** METAL STATE 1870 IF INKEY\$="" THEN GOTO 1850 . F7 < IF INKEY\$="Y" THEN GOTO 20 1630 IF A=2 THEN LET M\$=" 0 1900 CLS 1910 PRINT "A WISE DECISION." L 1920 STOP 2000 015 . 2010 PRINT "GREEDY THING." ı 2012 PAUSE 50 9 2015 CLS ı 2020 GOTO 510 2100 CLS 2115 PRINT "BAD LUCK. YOU HAVE FA VEMBER ILED TO ESCRIPE" 2120 STOP 2130 SAVE "ESCAP**G**" 1640 IF A=3 THEN LET M\$=" 2140 GOTO 1

OST IN a large maze, your only hope is to find the exit which is somewhere on the top left of the maze. All you can see in the darkness are the glowing sides of the passage. Move using the cursor keys.

Mazeman was written for the 16K Spectrum by P Loach of Hadleigh, Suffolk.

9 10 GO SUB 9000

20 LET x=INT (RND*(+1): LET y=
INT (RND*w+1): IF m\$(9,x)="(1\$P)
" OR x(1/2 THEN GO TO 20
30 LET e=INT (RND*(w-2)+2): IF

30 LET e=INT (RND*(w-2)+2): IF m\$(e,2)="(isp)" THEN GO TO 30 35 LET m\$(e,1)=""

48 IF x=1 RND m\$(y,x)=" " THEN GU TO 8e3

50 GO SUE 7000

60 BEEP .1.RND*20: LET 1\$=1NKE Y\$: IF 1\$<"5" OR 1\$>"8" THEN GO TO 60

70 LET a=(1\$="8")-(1\$="5"): LE T b=(1\$="6")-(1\$="7"): IF m\$(4+b, x+a)=" " THEN LET x=x+a: LET y=y+b: GO TO 48

#945 GU TO 48 86 PRINT #0; FLASH 1; INK 2; P APER 6; "YOU WALKED INTO A WALL": FOR F=1 TO 288: OUT 254,F: OUT 254,255: NEXT F: INPUT "": OUT 2

254,255 NEXT F: INPUT "": OUT 2 54,0 GO TO 60 7000 CLS : LET x=y-le: IF a<1 TH EN LET x=1

7010 LET b=y+le: IF b>w THEN LE T b=w

7020 LET c=x-le: IF c<1 THEN LE T c=1 7030 LET d=x+le: IF d>1 THEN LE

T d=1
7040 FOR e=a TO b: PRINT m\$(e,c
TO d): NEXT e: PRINT AT y-a,x-c;
FLASH 1;" ": RETURN

BOOD FOR F=1 TO 50: PAPER RND*7: OUT 254,RND*7: OUT 254,255: CLS NEXT F: BORDER 7: PAPER 7: IN

K 0: CLS 8010 PRINT AT 9,6; FLASH 1; "YOU FOUND THE EXIT": PRINT £0; "ANOTH

ER GU ? "
8020 IF INKEY*="Y" UR INKEY*="y"
THEN RUN

THEN RUN 8030 IF INKEY\$="N" OR INKEY\$="n" THEN GO TO 9999

8040 CO TO 8020 8999 REM MAZE & INSTRUCTIONS 9000 PAPER 5: INK 0 BORDER 5: C LS : RESTORE 9e3: READ 1,W 9010 PRINT TAB 7,"MAZEMAN"''' Yo

u are lost in a large maze."" y our only hope of escape is to in d the exit, which is hidden so mewhere in the left hand""come r.All you can see in the dark Passages is the 9lowing come rs of the tunnel."' To move, use the cursor keys."

9020 DIM m\$(w, l): FUR f=1 TO w: READ m\$(f): NEXT f: INK 6: PAPER

9
9030 INPUT "Enter level 1-9 (9 1 s easiest) "; le: IF le(1 UR le)9
OR le)INT le THEN GU TU 9030
9040 LET le=le+1: BURDER 0: CLS
RETURN : DATA 32.24, "(32*isp)"

9050 DATA "(isp:7*sp:isp:6*sp:10 *isp:2*sp:5*isp)"

9060 DATA "(isp:5%sp:isp:sp:isp: sp:isp:sp:isp:2%sp:3%isp:9%sp:2% isp:2%sp:isp)" 9070 DATA "(isp:5%sp:isp:3%sp:is

9070 DATA "(isp:5*sp:1sp:3*sp:is p:sp:isp:3*sp:5*isp:6*sp:2*isp:2 *sp:isp)"

9080 DATA "(isp:sp:13*1sp:2*sp:4 *isp:10*sp:isp)" 9090 DATA "(isp:sp:isp:17*sp:isp

9120 DATA "(isp:sp:1sp:2%sp:3%1s p:sp:2%isp:sp:2%isp:3%ap:2%isp:s p:isp:10%sp:1sp)" 9130 DATA "(isp:sp:isp:2%sp:1sp:

3%sP:13P:7%sP:2%isP:4%sP:15P:5%s P:3%tsP)" 9140 DATA "(1sP:sP:isP:6%sP:1sP: sP:4%isP:2%sP:5%isP:2%sP:2%isP:4

*sp:isp:sp:isp)"
9150 DATA "(isp:sp:8*isp:sp:isp:
2*sp:isp:2*sp:4*isp:2*sp:2*isp:4

*sP:isP:sP:isP)"
9160 DATA "(isP:13*sP:isP:14*sP:

isP:sP:1sP)"
9170 DATA "(12*isP:2*sP:16*isP:s

P'isP)"
9180 DATA "(isP'10*sP'isP'2*sP'5
*isP'12*sP'isP)"

9190 DRTA "(isp:sp:8%isp:sp:isp: 12%sp:3%isp:4%sp:isp)" 9200 DRTA "(isp:3%sp:3%isp:2%sp:

isP aP'isP'2*sP:isP'3*sP:7*isP's P'13P'4*sP'1sP)" 9210 DATH "(isP:8*sP:3*1sP:2*sP' isP'sP'isP'sP'isP'5*sP:13P'sP'1s P'4*sP'isP)"

9220 DATA "(ispispi6%ispispi13pi 4%spiispispi1spispi1spi12%spi1spi

9240 DATA "(4*isp:sp:5*isp:21*sp: |isp)" 9250 DATA "(isp:2*sp:isp:8*sp:6* | isp:4*sp:7*isp:2*sp:isp)"

9260 DATA "(1sp:8*sp:6*1sp:7*sp 2*1sp:7*sp:1sp)" 9270 DATA "(32*1sp)"







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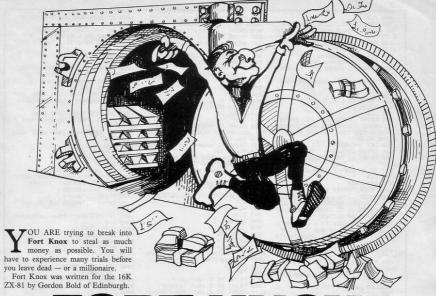
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```
120 PRINT "THERE ARE 3 PASSAGES
    2 LET AG=0
                                                                                           00 POINTS
                                                                                                          AFTER BRIBING HIM"
    3 LET HS=0
                                               WHICH LEAD TO THE VAULT . 1 UF TH
                                                                                            365 LET S=S-500
                                             E PASSAGES HAS AN ALARM"

140 PRINT "TYPE IN WHICH PASSAGE (1 TO 3)"
    4 IFT NE
                                                                                            368 PRINT ,, "score ",S
370 PRINT ,, "PRESS N/L TO TRY A
    5 GOSUB 5000
6 PRINT "HOW MANY PLAYERS?"
                                                                                           CRIN
      INPUT PL
                                                                                            380 IF INKEY = "" THEN GOTO 380
                                              150 INPLIT (
    8 LET S=0
                                                                                            390 GOTO 105
                                              170 PRINT
    9 FOR W=1 TU PL
                                                                                            400 LET S=S+(Q*100)
                                              180 PRINT AT 7,0; "(8*99:isp:sp:
   10 PRINT ., "Player ";W
                                                                                            405 PRINT .. "score ";S
410 PRINT .. "PRESS N/L TO CONTI
                                             18P : 2*99: 15P : SP : 15P : 2*99: 15P : SP :
   11 IFT Smg
                                             1sP:11*99)"
   12 PAUSE 75
                                              182 FOR F=1 TO 7
184 PRINT "(8*9h:1sp:sp:1sp:2*9
                                                                                           HUE"
   13 CLS
                                                                                            420 IF INKEYS="" THEN GOTO 420
   14 PRINT "fort knox 11"
                                             h:1sP:sP:1sP:2*9h:1sP:sP:1sP:11*
                                                                                            430 CLS
   15 PRINT AT 0,14; "high score;"
                                                                                            440 PRINT "Phase 2"
450 LET Z=INT (RND#6)+1
                                             gh)
HS
                                              185 NEXT F
  17 PRINT AT 1,14,"name:-";N#
18 PRINT AT 2,14;"a9e=";AG
22 PRINT AT 5,7;"INSTRUCTIONS?
                                                                                          455 PRINT , "YOU HAVE FOUND A K
EY AND MUST PUT IT INTO 1 OF T
HE DOORS ((id)). USE THE CURSOR
                                              186 PRINT AT 15,0; "(8*9f:18P:8P
                                              'isp : 2*9f : isp : sp : isp : 2*9f : isp : sp
                                              "isP:11*9f)"
 (Y/N)
                                               190 IF C=1 THEN LET Y=9
                                                                                          KEYS TO MOVE AROUND"
456 PRINT , "PRESS N/L TO CONTI
  23 INPUT IS
                                              200 IF C=2 THEN LET Y=14
210 IF C=3 THEN LET Y=19
  24 IF Is="N" THEN GOTO 108
25 IF Is="Y" THEN GOTO 30
                                                                                           NUE !
                                              220 LET X=6
                                                                                            457 IF INKEY#="" THEN GOTO 457
   30 PRINT AT 5,7,"instructions
                                              230 PRINT AT X, Y, " "
                                                                                            458 CLS
                                               240 LET X=X+1
                                                                                            459 LET L=6
33 PRINT ,,"YOU ARE TRYING TU
BREAK INTO A SPECIAL BANK WHICH
CONTAINS OVER£100,000,000.YOU W
                                              250 IF X=15 THEN GOTO 300
                                                                                            460 LET C=4
                                                                                           461 LET X=INT (RND*5)
462 LET Y=INT (RND*5)
                                               255 IF X=10 AND C=A THEN GOTO 3
ILL HAVE TO
                                              260 PRINT RT X,Y,"0"
                                                                                            464 PRINT AT X,Y,"(1d)
                                                                                            470 LET A=INT (RND*5)
472 LET B=INT (RND*5)
   34 PRINT "OVERCOME MANY DANGER
                                              270 GOTO 230
300 PRINT AT X,Y,"(10)"
S ON YOUR
               WAY TO THE VAULT. DUR
                                                                                            474 PRINT AT A,B;"(1d)"
                                              302 PRUSE 75
ING THE GAMEYOU GAIN AND LOSE PO
35 PRINT "YOU ARE REPRESENTED
BY AN ""O"""
                                               305, CLS
                                                                                            475 PRINT AT L.C.
                                               306 LET Q=INT (RND*30)+10
                                                                                          477 LET L=L+(INKEY$="6")-(INKEY
$="7")
                                              308 PRINT "YOU HAVE ELUDED THE
   40 PRINT "IF YOU COMPLETE A TA
                                             ALARM AND
                                                                                           478 LET C=C+( INKEY#="8" >-( INKEY
SK SUCCESSFULLY YOU WILL CHANGE TO AN ((10)), IF NOT YOU
                                              310 PRINT "HAVE GAINED "JOX100
                                              " POINTS"
                                                                                           480 IF L=X AND C=Y THEN GOTO 55
 WILL CHANGE TO AN ((1*))."
80 PRINT , "PRESS N/L TO CONTI
                                              330 GOTO 400
                                              350 PRINT AT X,Y;"(1*)"
                                                                                            485 IF L=R AND C=B THEN GOTO 57
NIF
                                               352 PAUSE 75
                                                                                          0
  90 IF INKEY == " THEN GOTO 90
                                              354 CLS
                                                                                           490 PRINT AT L,C;"0"
 108 CLS
109 LET A=INT (RND*3)+1
                                              355 PRINT "YOU HAVE BEEN ARREST
                                                                                           500 GOTO 475
                                             ED BY A
                                                                                           550 PRINT AT L.C. "(10)"
555 PRUSE 75
```

360 PRINT "POLICEMAN, YOU LOSE 5

110 PRINT "Phasell

556 CLS 862 PRINT "YOU CHERTED. THE ZX81 1825 IF IKAY AND V=2 THEN GOTO 1 560 PRINT "WELL DONE YOU CHOSE THE CORRECT DOOR AND CAN CONTINU E TO THE NEXT PHASE" LIKE CHERTS. DOES NOT 888 865 PRINT ,, "score ",S 1840 IF I=V THEN GOTO 1950 1850 PRINT AT L.C."(1%)"
1851 PRINT AT 6,15," ",AT 7,15," 866 PAUSE 120 562 PRINT "YOU HAVE SCURED "X Z 867 IF SKHS AND WKPL THEN GUTO POINTS" *Z*100);" POINTS" 563 LET S=S+(Z*Z*100) 899 868 IF S>HS THEN GOTO 4005 1855 PAUSE 100 564 PRINT //"score "/S 565 PRINT //"PRESS N/L TU CUNTI 890 PRINT .. "PRESS N/L FOR NEXT 1858 CLS 1860 PRINT "TOD MUCH EXPLOSIVE.Y PLAYER! NUF" 891 IF INKEY#="" THEN GOTO 891 BLOWN YOURSELF UP OU HAVE 892 CLS 1862 PRINT ,, "score ",5 566 IF INKEY " THEN GOTO 566 893 NEXT W 1863 PAUSE 120 568 GOTO 600 894 GOTO 8 1865 IF S>HS THEN GOTO 4005 570 PRINT AT L,C;"(i*)" 910 PRINT AT L,C;" " 1866 IF SKHS AND WKPL THEN GOTO 575 PAUSE 75 915 PRINT RT 11,0,"(1*)" 1869 576 CLS 1867 IF W=PL 916 PAUSE 75 THEN GOTO 6000 1869 PRINT "PRESS N/L FUR NEXT P 578 PRINT "HARD LUCK, YOU CHOSE 917 CLS HE WRONG DOOR AND HAVE FALLEN INTO A PIT YOU LUSE 500 POINTS 920 PRINT "A HUNGRY ALSATIAN CU THE WRONG LAYER ARD DOG HAS ATTACKED YOU AND GOB 1970 IF INKEY#="" THEN GOTO 1870 CLIMBING OUT" 580 LET S=S-500 BLED YOU UP 1872 NEXT W 1875 CLS 922 PRINT ,, "score "; S 581 PRINT ,, "score ",S 582 PRINT ,, "PRESS N/L TO TRY A 923 PAUSE 150 1878 GOTO 8 925 IF SOMS THEN GOTO 4005 926 IF W=PL THEN GOTO 6000 1880 PAUSE 100 GRIN' 1885 CLS 1886 LET Q=INT (RND*20)+1 584 IF INKEY " THEN GOTO 584 930 IF SKHS AND WKPL THEN GOTO 586 CLS 1888 PRINT "NOT ENOUGH EXPLOSIVE .YOU LOSE ";0*100;" POINTS" 934 590 GOTO 459 934 PRINT , "PRESS N/L FOR NEXT YOU LOSE 600 PRINT "Phase 3" PLAYER" 1889 LET S=S-(Q*100) 610 PRINT ,, "YOU HAVE TO WALK A LONG A PLANK BECAUSE OF THE GUA 935 IF INKEY#="" THEN GOTO 935 1890 PRINT ,, "score "; S 948 CLS 1893 PRINT ,, "PRESS N/L TO TRY A 942 NEXT W RD DOGS BELOW BE CAREFUL, SOME OF GRIN 945 GOTO 8 THE PLANK IS RUTTEN" 1895 IF INKEY\$="" THEN GOTO 1895 950 LET L=L-1 612 PRINT "THERE IS A CROWBAR (1898 CLS 960 LET C=C+1 END OF THE PLANK. 1F 1900 GUTU 1740 980 GOTO 720 1950 PRINT AT 6,15;" " YOU HIT IT YOU WILL GAIN POINTS 1000 LET L=L+1 1001 LET C=C+1 615 PRINT "USE ""W"" TO WALK AN 1965 PRINT AT L.C. 1002 IF INKEY9="J" THEN GOTO 850 1970 LET C=C+1 1005 IF L>=4 THEN LET L=4 1980 PRINT RT 620 PRINT / "PRESS N/L TO CONTI 1980 PRINT AT L.C."0" 1130 RETURN NUE 1990 1F C=31 THEN GOTO 1995 1992 GOTO 1965 1200 PRINT 630 IF INKEY = " THEN GOTO 630 1205 PRINT AT 5,18;"(9h)" 1206 PRINT AT 5,19;" (8*9h)" 1995 PRINT AT L.C: "(10)" 640 CLS 700 LET L=4 2000 PAUSE 75 1210 PRINT AT 6,18; "(9h) (8*9h)" 2005 CLS 705 LET C=0 1220 PRINT AT 7,18) "(9h) (8*9h)" 2010 PRINT "WELL DONE. YOU HAVE G 710 PRINT AT 5,0; "(97:2*sp:2*97 1230 PRINT AT 8,18;"(9h) (8*9h)" 1240 PRINT AT 9,18;"(9h) (8*9h)" OT THROUGH THE STEEL DO AVE GRINED 2000 POINTS' sP:97:sP:2*97:4*sP:97:2*sP:2*97 DOOR AND H 712 PRINT AT 12.0)"(19*9a)" 1250 PRINT AT 10,18; "(9f) 2015 LET S=S+2000 2020 PRINT ,, "scoreE"; S 715 PRINT AT 4,17;"+"
720 PRINT AT L,C;" " 2030 PRINT .. "PRESS N/L TO CONTI 1260 PRINT RT 11,18; "(9f) 730 IF INKEY#="W" THEN LET C=C+ NUE" 1270 PRINT AT 12,18;"(10*9f)" 2040 IF INKEYS="" THEN GOTO 2040 1280 GOTO 720 735 IF L=4 AND C=1 OR L=4 AND C 2050 CLS 1500 PRINT AT 4,19," " 2100 PRINT "Phase 5" =2 UR L=4 AND C=5 UR L=4 AND C=7 1505 LET L=11 OR L=4 AND C=10 OR L=4 AND C=11 2110 PRINT , "YOU ARE IN A LARGE OR L=4 AND C=12 OR L=4 AND C=13 OR L=4 AND C=15 OR L=4 AND C=16 THEN GOSUB 900 1506 LET C=19 ROOM AND THE FLOUR WILL BECOME 1510 PRINT AT L.C." " ELECTRIFIED" 2120 PRINT "AFTER 100 SECUNDS, YU 1511 LET C=C+1 737 IF INKEY#="J" AND L=L+1 AND 1512 IF C=27 THEN GOTO 1515 U MUST FIND THE HIDDEN SWITCH BE C=C+1 THEN GOTO 850 740 IF INKEY#="J" THEN GOSUB 95 1513 PRINT AT L.C."0" FURE! 1514 GOTO 1507 1515 PRINT AT L.C:"(10)" 2130 PRINT "YOUR TIME RUNS DUT" 2132 PRINT "IF YOU TURN IT OFF 1 CA N TIME A CORRIDOR IS PRINTED" 2133 PRINT "IF YOUR TIME RUNS OU 745 IF INKEYS<>"J" AND L<4 THEN 1520 PAUSE 150 1530 CLS GOSUB 1000 1535 LET X=INT (RND*100)+1 747 IF INKEY = "J" AND L=L+1 AND THE SWITCHIS PRINTED' 1540 PRINT "WELL DONE. YOU HAVE G C=C+1 THEN GOTO 850 2135 PRINT "USE THE CURSOR KEYS 750 PRINT AT L,C,"0" MINED ";X*100;" POINTS FOR FIND TO MOVE AROUND ING THE CURRIDOR" 1550 LET S=S+(X*100) 2140 PRINT .. "PRESS N/L TO CONTI 760 IF L=4 AND C=18 THEN GOTO 1 200 NUE" 765 IF C>19 THEN GOTO 802 766 IF C>=18 AND L<>4 THEN GOTO 1560 PRINT // score "15 2150 IF INKEY " THEN GOTO 2150 1600 PRINT ., "PRESS N/L TO CONTI 2160 018 802 NUE" 2175 LET T=100 770 IF C=19 AND L=4 THEN GOTO 1 1610 IF INKEY\$="" THEN GOTO 1610 2194 LET L=7 1620 CLS 2196 LET C=0 775 LET Z=INT (RND*20)+1 1700 PRINT "Phase 4" 2200 PRINT AT 5,0; "(7*9h:10*sp:9 780 IF L=4 AND C=17 THEN LET S= 1720 PRINT ,, "THERE IS A STEEL INPUT THE RMOUNT OF EXPLOSIVES TO BE USED" S+(Z*28) 2210 PRINT AT 8,0; "(7*9h:10*sp:9 800 GOTO 720 802 PRINT AT L.C;"(1*)" 803 PAUSE 100 220 PRINT AT 4,6; "(9h:10*sp:9h) 1725 PRINT "(1 OR 2) TUNS." 804 CLS 1730 PRINT ,, "PRESS N/L TO CONTI 2230 PRINT RT 3,6; "(9h:10*sp:9h) 805 PRINT "YOU HAVE JUMPED OUT NUE! 1735 IF INKEY#="" THEN GOTO 1735 OF THE BANK 2235 PRINT AT 6,6;"(11*sp:9h)"
2240 PRINT AT 2,6;"(9h:10*sp:9h) 810 PRINT "YOU LOSE 1000 POINTS 1749 CLS 1745 PRINT AT 5,8; "(32*9h)" 812 LET S=S-1000 1750 PRINT AT 8,0; "(32*9h)" 2245 PRINT AT 7,6; "(11%sp '9h)" 814 PRINT ,, "score ",S 815 PRINT ,, "PRESS N/L TU TRY A 1755 LET L=7 1756 LET C=14 2250 PRINT AT 1,6) "(9h:10*sp:9h) 1760 PRINT AT L.C. "0" 2260 PRINT AT 0,6;"(12*9h)" 2270 PRINT AT 9,6;"(9h:10*sp:9h) 1770 PRINT AT 6,15,"(1sp)" 1780 PRINT AT 7,15,"(1sp)" 820 IF INKEY " THEN GOTO 820 825 CLS 830 GOTO 700 1800 LET V=INT (RND*2)+1 2280 PRINT AT 10,6,"(9h:10*sp:9h 850 PRINT AT L.C;"(1*)" 855 PRUSE 75 1810 INPUT I 1828 IF ICH AND V=1 THEN GOTO 1 2290 PRINT AT 11,6; "(9h:10*sp:9h 860 CLS 859

2300 PRINT AT 12.6; "(9h:10*sp:9h 2740 PRINT ,, "PRESS N/L TO CONTI 3850 PRINT .. "PRESS N/L FOR NEXT NUE! PLAYER" 2310 PRINT AT 13,6; "(9h:10*sp:9h 2750 IF INKEYS="" THEN GOTO 2750 3860 IF INKEY = " THEN GOTO 3860 2760 CLS 3870 CLS 2320 PRINT AT 14,6;"(12*9h)" 2770 LET L=15 3872 NEXT 2325 LET X=1NT (RND#12)+1 2326 LET Y=1NT (RND#9)+7 2780 LET C=9 3880 GOTO 8 2790 PRINT AT L.C." " 4005 CLS 4006 IF S>HS THEN LET HS=S 2330 PRINT AT L.C. 2333 PRINT AT X,Y,"=" 2800 PRINT AT 10,6; "(9h75*sp:9h) 4008 PRINT "YOU HAVE THE HIGH SC 2335 LET T=T-1 2801 PRINT AT 11,6; "(9h:5*sp:9h) 2340 LET L=L+(INKEY#="6")-(INKEY 4010 PRINT "INPUT NAME (1 TO 12 2882 PRINT AT 12,6; "(9h:5*sp:9h) LETTERS) 2350 LET C=C+(INKEY#="8")-(INKEY 4015 INPUT N\$
4020 IF LEN N\$>12 THEN GOTO 4005
4025 IF LEN N\$<=12 THEN GOTO 402 2803 PRINT AT 13,6; "(9h:5*sp:9h) 2355 IF L<=0 THEN LET L=1 2356 IF L>=14 THEN LET L=13 2357 IF C>=17 THEN LET C=16 2804 PRINT RT 14,6; "(9h:5*sp:9h) 4026 PRINT ,, NO 2358 IF L<>7 AND C<=6 THEN LET C 2805 PRINT AT 15,6) "(9h:5*sp:9h) 4027 PRINT ,, "INPUT AGE" 4028 INPUT AG 2360 IF L=X AND C=Y THEN GDTO 25 2810 PRINT AT 16,6; "(9h:5*1sp:9h 4029 PRINT ,, AG 4031 PRINT ,, "UK? (Y/N)" 4032 PRUSE 20 2365 IF C>6 THEN PRINT AT 6,61"(2811 PRINT AT 17,6; "(9h:5*sp:9h) 9h)";AT 7,6;"(9h) 4033 INPUT IS 2370 IF T=-1 THEN GOTO 2600 2380 PRINT AT L.C."0" 2390 PRINT AT 0,22,"time ",T," " 2812 PRINT AT 18,6; "(9h:5*sp:9h) 4034 IF Is="Y" THEN GOTO 4036 4035 IF Is="N" THEN GOTO 4005 2813 PRINT AT 19,6; "(9h:5*sp:9h) 4036 IF WKPL THEN GOTO 4040 2400 GOTO 2330 4037 IF W-PL THEN GOTO 6000 2500 PRINT AT L.C." 4040 PRINT ., "PRESS N/L FOR NEXT 2814 PRINT RT 20,6; "(9h:5xxp:9h) 2501 PRINT AT 14,8;" PLAYER 2502 PRINT AT 15,7; "(9h:3*sp:9h) 2828 PRINT AT L.C."0" 4045 IF INKEY#="" THEN GUTO 4045 3000 LET M=INT (RND#21000)+10000 4050 CLS 2503 PRINT AT 16,7; "(9h:3*sp:9h) 3010 PRINT AT 17,7,M 4052 NEXT W 3020 PAUSE 25 3025 PRINT AT 17.7;" " 3027 PRINT AT 0.0;"TYPE IN COMBI 4055 GOTO 8 2504 PRINT AT 17,7; "(9h:3*sp:9h) 5000 PRINT AT 0,4; "(4*isp:3*sp:4 *15P | 3*5P | 4*15P | 3*5P | 3*15P) 2505 PRINT AT 18,7; "(9h:3*sp:9h) NATION' 5010 PRINT AT 1,4; "(15P:6%5P:15P 2%5P:15P:3%5P:15P:2%5P:15P:4%5P 3028 PAUSE 75 2506 PRINT AT 19,7; "(9h:3*sp:9h) 3029 PRINT AT 0.0," 5626 PRINT AT 2,4; "(2*1sP:5*sP:1 2507 PRINT AT 20,7; "(9h:3*sp:9h) 3030 THPLIT T SP 2*SP 1 1 SP 3 8 SP 4 1 SP 4 4 SP 1 1 SP 3 3040 IF T=M THEN GOTO 3500 3050 IF T<>M THEN GOTO 3750 2508 LET L=15 5030 PRINT AT 3,4,"(isp:6*sp:isp 2509 LET 2510 PRINT AT L.C." " 3500 PRINT AT 16,8;" :2*sp : isp :3*sp : isp :sp :1sp :5*sp :1 3510 PRINT AT L.C." " 2511 LET L=L+1 L=20 THEN GUTO 2515 3520 LET L=L+1 5040 PRINT AT 4,4; "(15P:6%sp:4%i 2513 PRINT AT L,C; "O" 3530 1F L=20 THEN GOTO 3545 3535 PRINT AT L.C."O" SP:3*SP:isP:SP:isP:5*SP:isP)"
5050 PRINT AT 7,2;"(isP:2*sP:isP 2514 GOTO 2510 3540 GOTO 3510 14*sp | 1sp | 3*sp | 1sp | 3*sp | 4*1sp | 3* 2515 PRINT AT L.C;"(10)" 3545 PRINT AT L.C; "(10)" SP:1SP:3%SP:1SP)" 2519 PAUSE 120 2520 CLS 3546 PAUSE 100 5060 PRINT AT 8,2; "(15P SP 15P 5 2530 PRINT "YOU TURNED OFF THE S 3550 CLS *sp : 2*1sp : 2*sp : 1sp : 3*sp : 1sp : 2*sp WITCH IN TIME. YOU SCORED ";T* 3551 FOR F=1 TO 21 115P 4 # SP 115P SP 115P POINTS" 190:" 3552 PRINT "(32*i£)" 5070 PRINT AT 9,2; "(2*isp:6*sp:1 2535 LET S=S+(T*100) 2540 PRINT ,, score ",S 2550 PRINT ,, PRESS N/L TO CONTI 3553 NEXT F SP:SP:1SP:SP:1SP:3%SP:1SP:2%SP:1 3554 PAUSE 100 5080 PRINT AT 10,2; "(1sp:sp:1sp: 3555 CLS NIE 3558 LET K=INT (RND*500)+100 5*sp : isp : 2*sp : 2*isp : 3*sp : isp : 2*s 2560 IF INKEY "" THEN GOTO 2560 3560 PRINT "WELL DONE YOU HAVE O PENED THE VAULT AND ARE A VERY P:15P:4#SP:15P:5P:15P)" 2565 CLS PENED THE 5090 PRINT AT 11,2)"(isp:2%sp:is RICH PERSON" 2570 GOTO 2700 P 4*sp | 1sp | 3*sp | 1sp | 3*sp | 4*1sp | 3 2600 PRINT AT L.C;"(1*)" 2605 PRINT AT X,Y;"=" 2610 PAUSE 100 3565 PRINT "YOU SCORED "; K*100;" *sp : isp : 3*sp : isp) POINTS 5100 PRINT AT 14,9; "(3*15P 2*sP 3570 LET S=S+(K*100) 3*1sP 2620 CLS 3575 PRINT ,, "score ",S 3578 PAUSE 100 5101 PRINT AT 15,9; "(sp:1sp:4xsp 2630 PRINT "YOU HAVE BEEN ELECTR IFIED. 3580 IF SOME THEN GOTO 4005 3585 IF SOME THEN PRINT .. "PRESS 5102 PRINT AT 16,9; "(sp:1sp:4xsp 2640 PRINT "score "IS 1140) N/L FOR ANOTHER GO." 2642 PAUSE 120 5183 PRINT AT 17,9,"(sp:isp:4*sp 2645 IF SOMS THEN GOSUB 4005 2650 IF SOMS AND WORL THEN GOTO 3590 IF INKEY " THEN GOTO 3590 I I SP) 3595 CLS 5104 PRINT AT 18,9,"(3*1sp:2*sp: 2659 3600 GOTO 5 3*15P) 2655 IF W=PL THEN GOTO 6000 2659 PRINT ,, "PRESS N/L FOR NEXT 3750 PRINT AT L.C. "(1*)" 5106 FOR F=1 TO 3 5107 PRINT " 3770 PRINT AT 15,7;"=>";AT 15,10 BOLDIE SOFT PLAYER' MARE! 2660 IF INKEY "" THEN GOTO 2660 3780 PRINT AT 17,7;M 5108 NEXT F 3790 PAUSE 150 2670 CLS 5109 PAUSE 150 2672 NEXT W 3800 CLS 5110 CLS 2689 GOTO 8 3810 PRINT "YOU HAVE BEEN STABBE 5150 RETURN 2700 PRINT "Phase 6" 2710 PRINT ,, "YOU HAVE FINALLY R D BY TWO PIKES. WHAT A PITY YO 6000 CLS 6010 PRINT "WELL DONE ":NB II WERE EACHED THE VAULT, THE COMBINAT 3820 PRINT "SO CLUSE TO THE £100. YOU SCORE ION WILL BE PRINTED FOR A FEW" ,000,000. D THE MOST POINTS AND HAVE WON 2720 PRINT "SECONDS. YOU MUST REM 3830 PRINT "NEVER MIND." 3840 PRINT ,, "score "; S 3841 PRUSE 150 THE GAME. EMBER IT ANDTYPE IT IN WHEN YOU ARE TOLD" 6012 PRINT "YOU SCORED "; H3 6020 PRINT , "PRESS N/L TO HAVE ANOTHER GO" THEN GOTO 6030 2725 PRINT "IF YOU INPUT THE WRO 3842 IF SKHS AND WKPL THEN GUTO COMBINATION THE CORR 3850 ECT ONE WILLBE PRINTED 3844 IF S>HS THEN GOTO 4005 3846 IF W=PL THEN GOTO 6000 6040 CLS 2730 PRINT "GOOD LUCK. 6050 GOTO 5

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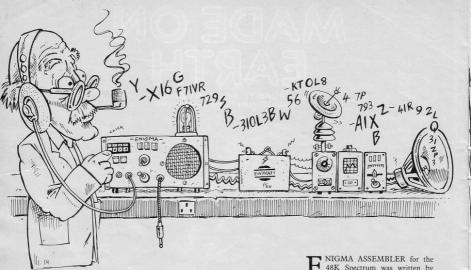
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will convert assembly language code, NICHM such as LD A, ZZ, into machine code, a list of numbers which can be understood by the computer. Assembly language is easier to understand from the

1 DIM a(252) DIM as(252,12) 2 INK 0: PAPER 7: BORDER 7: PRINT AT 11,0; FLASH 1," BORDER 7: C Please wait a moment 50 GO SUB 8000

110 CLS 120 PRINT TAB 10; "Options"; TAB

130 PRINT : PRINT : PRINT : PRI NT

131 BRIGHT 140 PRINT TAB 2) "1.....Write") TAB 2;"2.....Look";TAB 2;"3....
..Run";TAB 0
145 PRINT AT 15,2; INK 3: PLOT

DRAW 0,17: DRAW 190,0: DR 7,43: AW 0,-17 DRAW -190,0 147 INK B 150 PRINT #0; FLASH 1; "Please s elect

160 PAUSE 0: IF INKEYSK"1" OR I NKEY\$>"3" THEN GO TO 160 165 BRIGHT Ø

170 GO TU (2000 AND INKEY = "1") +(4000 AND INKEY = "2")+(5000 AND INKEYS="3")

Write 2000 REM 2010 CLS : INPUT "Start address ist

2015 PRINT RT 0,0; "Address: ";st PRINT : PRINT : PRINT : PRINT 2020 INPUT "Code: ")4 2022 IF ye="stop" THEN GO TO 18

2025 IF LEN 98<>12 THEN GO TO 2

2030 FOR f=1 TO 252: IF ys=as(f) THEN GO TO 2100

2040 NEXT F 2050 PRINT INVERSE 1,60, FLASH 1) "Wrone input": PAUSE 100: PRINT £0;"

"' GO TO 2020 2100 PRINT TAB 3190 2120 POKE st. a(f)

2121 FOR f=1 TO LEN 98 2122 IF 98(f TO f)="N" THEN GO TO 2125

2123 NEXT # 2124 GO TO 2130 2125 INPUT "NN

2126 IF \$>255 THEN GO TO 2125 2127 LET st=st+1: POKE st,s: PRI NT TAB 0;"N="; INVERSE 1;s 2130 LET st=st+1: GO TO 2020

4005 LET w=0 4010 CLS : INPUT "Start address: 'int 4015 PRINT AT 0,0; INVERSE 1; "Ad

resse: "irti£0; INVERSE 1; 'M' menu 4020 PRINT : PRINT : PRINT : PRI

4021 FOR f=1 TO 252: IF PEEK (rt) = a(f) THEN GO SUB 4500

4022 NEXT f 4023 IF w=1 THEN LET rt=rt+1 : P RINT TAB 0,"N=", INVERSE 1,PEEK LET W=0 4035 IF INKEYS="m" THEN GO TO 1

4040 LET rt=rt+1: GO TO 4021 4500 PRINT TAB 3140(f) 4510 FOR e=1 TO LEN as(f)

Max Berle of Geel, Belgium, It

4520 IF ##(f,e TO e)="N" THEN L ET w=1: RETURN 4530 NEXT e: RETURN 5010 CLS

5020 INPUT "Start address: "Jd 5030 CLS : PRINT USR d: PRINT F 1)£0; "Press any key" LASH

5050 PRUSE 0: GO TO 100 8000 RESTURE

8010 FOR f=1 TO 252 8020 READ a@(f),a(f)

8030 NEXT 6

98030 NEN! "
98018 DRTH "nop", 0, "ld bc, NN", 1, "
ld (bc), a", 2, "inc bc", 3, "inc b",
4, "dec b", 5, "ld b, N", 6, "rlca", 7,
"ex af, af'", 8, "add hl, bc", 9, "ld a,(bc)",10,"dec bc",11,"inc c",1 2, "dec c", 13, "ld c, N", 14, "rrca". 15, "djinz DIS", 16, "ld de, NN", 17. "ld (de),a",18,"inc de",19,"inc d",20,"dec d",21,"ld d,N",22,"rl a",23,"Jr DIS",24,"add hl,de",25 "ld a,(de)",26, "dec de",27, e",28,"dec e",29,"ld e,N",30,"r ra",31,"jr nz,DIS",32,"ld h1,NN"

733."1d (NN).h1",94,"inc h1",95,
"inc h",96,"dec h",97
9020 DATR "Id h,N",38,"daa",39,"
Tr z,015",48,"adec h1",41,"ld
h1.(NN)",42,"dec h1",43,"inc 1",

44, "dec 1",45, "ld 1,N",46, "cp1".

"ir nc.DIS",48,"ld sp.NN",49, "ld (NN), a", 50, "inc sp", 51, "inc (hl)", 52, "dec (hl)", 53, "ld (hl), (N1)",52,"dec (N1)",53,"ld (N1), N",54,"scf",55,"jr c,DIS",56,"ad d h1,sp",57,"ld a,(NN)",58,"dec sp",59,"inc a",60,"dec a",61,"ld a,N",62,"ccf",63,"ld b,b",64,"l x.N°.62."ccf".63."ld b.b".64."l d b.c".65. "ld b.d".65." ld b.e".65." ld b.e".67. 7."ld b.h".68."ld b.l".69."ld b.l".79."ld b. (h1)".78. "ld b.z".71."ld c.b".72. ,"ld c.c".73."ld c.d".74."ld c.e".75."ld c.e".75."ld c.e".75."ld d.b".75."ld d.b".88."ld d.b".88."ld d.b".88."ld d.b".88."ld d.e".81.

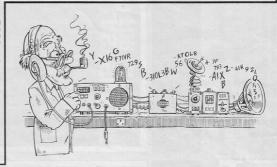
"ld d,h",84,"ld d,1",85,"ld d, 3,"ld d,h",94,"ld d,l",95,"ld d, (hl)",96,"ld d,a",97,"ld e,b",98 ,"ld e,c",99,"ld e,d",99,"ld e,e ,91,"ld e,h",92,"ld e,l",93,"ld e,(hl)",94,"ld e,a",95,"ld h,b" ,96,"ld h,c",97,"ld h,d",98,"ld h,e",99,"ld h,h",100,"ld h,",101 h.e".99." Id h.h".100." Id h.l".10 1." Id h.k1h".102." Id h.a". 103." Id l.b".104. "Id l.c".105." Id l.d ".106." Id l.e".107." Id l.h".106. "Id l.l".109." Id l.k1h".110." Id l.a".111." Id k1l.b".112." Id k1 I.a".111." Id k1l.b".112." Id k1 I.b.c".113." Id k1l.b".116." Id (h I.b.c".115." Id k1)." Id (h).a". Id k1," I.11." Id (h).a". ,119,"ld a,b",120,"ld a,c",121," ld a,d",122,"ld a,e",123,"ld a,h ",124,"ld a,l",125

9040 DATA "ld a,(hl)",126,"ld a, 9040 DRTH "Id a.(%1)".126."\id a. a".127, "add a.c".1 29, "add a.d".138, "add a.e".31." add a.h".132, "add a.1".133, "add a.(%1)".134, "add a.a".135."add a.(%1)".134, "add a.a".135."add a.(%1)".134, "add a.a".135."add a.(%1)".138, "adc a.c".139,".3dc a.d".138, "add a.a".138, "add a.a "adc a,1",141,"adc a,chl)",142," adc a,4",143, "sub b",144,"sub c", 145,"sub d",146,"sub e",147,"su b h",148,"sub t",149,"sub (hl)", 150,"sub a",151,"sbc a,b",152,"s bc a,c",153, "sbc a,d",154, "sbc a

e",155, "sbc a,h",156, "sbc a,l" 157, "sbc a,(hl)",158, "sbc a,a",1 59, "and b",160, "and c",161, "and d",162, "and e",163, "and h",164, and 1",165, "and (h1)",166, "and a and 1".165."and (h1)".166."and a ".167."xor b".168 ".xor c".169 9850 DATA "xor d".178, "xor e".17 1."xor h".172."xor 1".178, "xor 6.".178, "xor 6.".174."xor h".172."xor 1".173, "xor 6.".174."xor 4".175."or b".176."or c".177."or d".178, "or e".179, "or h".181."or (h1)". ,182,"cp d",186,"cp e",187,"cp ",185,"cp d",186,"cp e",187,"cp h",188,"cp l",189,"cp (hl)",190, "CP a",191, "ret nz",192, "PoP bc",193, "JP nz,NN",194, "JP NN",195, "call nz,NN",196, "Push bc",197," add a,N",198, "rst 8",199, "ret z" ,200, "ret",201, "JP z,NN",202, "ca 11 z,NN", 204, "call NN", 205, "adc a, N", 206, "rst 8", 207, "ret nc", 20

8, "Pop de", 209, "JP nc, NN", 210, "o ut (N),a",211,"call nc,NN",212, Push de",213

9060 DATA "sub N", 214, "rst 16", 2 15, "ret c", 216, "exx", 217, "JP c, N ",218, "in a,(N)",219, "call c,NN ",220,"sbc a,N",222,"rst 24",223
,"ret Po",224,"PoP hl",225,"JP Po,NN",226,"ex (sp),hl",227,"call Po,NN",228,"push hl",229,"and N ',230,"rst 32",231,"ret Pe",232, 'jP (hl)",233,"JP Pe,NN",234,"ex de,hl",235,"call Pe,NN",236,"xo N",238,"nst 40",239,"net P",24 0, "POP af", 241, "JP P, NN", 242, "di 9, PoP 31",241," JP P,N",244," out af", ",243," call P,NN",244," push af", 245," on N",246," rst 48",247," ret m",248," dt 8p,Nl",248," JP m,NN", 258," e1",251," call m,NN",252," c P,N",254," rst 56",255 9999 RETURN



1 FOR A=0 TO 7: READ B: POKE USR "(9a)"+A,B: NEXT A 2 FOR A=0 TO 7 READ B: POKE "(9b)"+A, B: NEXT A 3 FOR A=0 TO 7: READ B: POKE "(9c)"+A,B: NEXT A 4 LET 3C=0: LET V=0 5 LET w=21: LET x=15: LET s=2 0: | FT r=15 10 LET #=INT (RND#32): LET b=2 NT AT s.r."(9c)"
36 BEEP .01.s: LET S=S-1
38 PRINT AT 0.6; "SCORE ",sc 39 PRINT AT 0,21, "MISSILES 40 LET C#=INKEY# 50 IF c#="5" THEN LET r=r-1
62 IF c#="6" THEN LET r=r+1
70 IF s=1 THEN GO TO 150
80 IF r=a AND s=b THEN GO T 160 90 IF sc=20 THEN GO TO 1000 IF V=25 THEN GO TO 2000 110 GO TO 20 : LET v=v+1: GO TO 5 150 CLS 160 PRINT AT 0.0; INK 1; FLASH 1: "BANG! 163 FOR a=30 TO 33: BEEP .05,a: NEXT 170 LET sc=sc+1

1000 CLS PRINT "YOU MADE IT WI 1005 FOR J=1 TO 32: BEEP .05.J

6,24

2000 CLS 2001 PRINT "YOU HAVE JUST USED U P ALL YOUR MISSILES BUT THERE A PE STILL SUME INVADERS LEFT 2010 BEEP .5,0: BEEP .5,-2: BEEP

.5,-4 2020 GO TO 2010 3000 DATA 28,62,42,62,127,99,65.

3010 DATA 24,24,24,60,60,126,255 , 255 3020 DRTR 24,60,126,24,24,126,12

was written by Tim Rose of Amisfield, Dumfries. Guide your missile with keys 5 and 8 towards the intruder. You have 25 missiles and 20 intruders to shoot.

ISSILE for the 16K Spectrum

TH ":25-v;" MISSILES LEFT

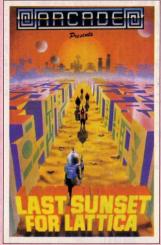
180 GO TO 10

1030 GO TO 1005

1020 NEXT

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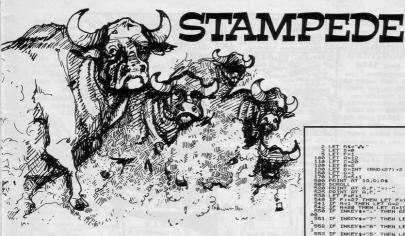
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T IS the law of the jungle - kill or be killed - as you drive your truck over the scrub straight into a stampede of wild buffalo. If you are within range you can fire with "." or you must dodge the wild beasts using "6" for down, "7" for up and "M" for overdrive. If you hit five buffalo, you must stop to repair your vehicle; stop with

Stampede was written for the 1K ZX-81 by A Chetwode of Ramsbury,

3 LET 68-0-13 LET 68-0-130 LET 78-1100 LET 78-1110 LET 68-1110 00 551 IF INREY \$= "7" THEN LET A=A-1 552 IF INKEY\$="6" THEN LET A=A+ 553 IF INKEY\$="5" THEN LET F=F-554 IF INKEY ="H" THEN LET F=F+ IF INKEY\$="1" THEN GOTO 200 000 GOTO 130 0000 PAUSE 1 0000 PRINT "SCORE ",5 0000 PRINT SCORE ",5 0000 PRINT SCORE ",5 0000 PRINT AT A,F+2," 0001 PRINT AT A,F+2," 0002 RETURN

ELEASE your parachutist using key "0" to make a controlled landing on the landing pad. The numbers beneath the landing pad indicate the points you score if you land accurately. Sky Diver was written by



```
1 REM "SKY DIVER"
10 CLS
15 LET S=0
```

20 LET L=10 30 LET A=INT (RND*21)+1 40 LET D=INT (RND*7)+2 41 LET G=D+1

42 LET K=0 44 PRINT AT 0.9,"**SKY DIVER**
",AT 1.3)"SCORE=",S,AT 1.14;"HIG
HEST SCORE=",HS,AT 21.0;"JUMPS="

50 PRINT AT 19, A; "(3*94:2*1sp:

60 PRINT AT 20, A+1, "5", AT 20, A +3;"10";AT 20,A+6;"5" 70 FOR C=0 TO 28

75 PRINT RT D.C;"(9w-9f-96)"
77 IF INKEY9="0" THEN LET K=1 80 IF K=1 THEN PRINT AT G,C+1;

81 IF G=17 RND C+1>=R RND C+1< R+3 OR G=17 RND C+1>R+4 RND C+1< R+8 THEN GOTO 300

82 IF G=17 AND C+1=A+3 OR G=17 AND C+1=A+4 THEN GOTO 358 85 IF G=18 THEN GOTO 400 131 PRINT AT G,C+1," ",AT G+1,C

132 IF K=1 THEN LET G=G+1 140 PRINT AT D.C."

141 IF C=28 THEN LET C=0 150 NEXT C 160 STOP 300 LET S=S+5

320 GOTO 400 350 LET S=S+10 400 CLS

401 IF S>=HS THEN LET HS=9 410 LET L=L-1 420 IF L=0 THEN GOTO 500

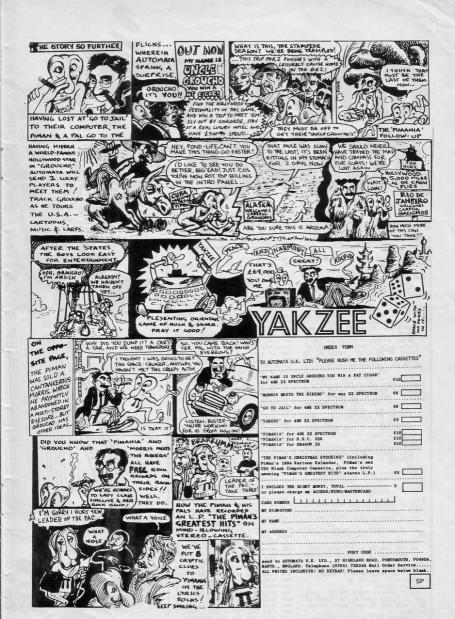
430 GOTO 30 500 CLS 518 PRINT AT 10,3; "DU YOU WANT

ANOTHER GO?"; AT 11, 12; "(Y/N)? 520 IF INKEYS="Y" THEN GOTO 10 530 IF INKEY = "N" THEN GOTO 550

540 GOTO 520 550 CLS 560 PRINT AT 10,6, "HIGHEST SCUR

E=" ; HS 570 STOP





CHOPPE'S SQUAD

A S A helicopter pilot you must destroy all the enemy bases. A variety of points can be gained for the different types of buildings and

firing needs expert timing. Chopper Squad was written for the 16K Spectrum by R Davidson and P Watts of Seamills, Bristol.

1 LET HS=0: CLS: GO SUB 301: GO SUB 1000 2 LET SC=0: LET SHOT=14: LET

2 LET SC=0: LET SHOT=14: LET z=RND/100: LET x=RND*50 3 INK 4: BORDER 1: CLS : FOR

n=0 TO 20: BEEP z,x: PRINT AT n, 31;"(isp)": NEXT n

4 FOR n=0 TO 20' BEEP z,x' PR
INT AT n,03"(isp)"' NEXT n: FOR
n=0 TO 31' BEEP z,x' PRINT AT 20
,n)"(isp)"' NEXT n: FOR n=0 TO 3
1: BEEP z,x: PRINT AT 0,n)"(isp)
"' NEXT n

5 INK 0: PRINT AT 19,1; INK 1; FLASH 13*4," PRINT AT 19,3; ***
PRINT AT 19,4; *** PRINT AT 19,7; ***
PRINT AT 19,4; ***
PRINT AT 19,2; *** PRINT AT 19,1; ***
AT 19,10; ***
PRINT AT 19,1; ***

6 PRINT AT 19,13;"f" PRINT A T 19,14;"f" PRINT AT 19,16;"a" PRINT AT 19,19;"a" PRINT AT 19 ,28;"a" PRINT AT 19,24;"a" 7 INK 1 PRINT AT 2,2;"99999

999 99 99" 8 PRINT AT 3,3,"99 9 9 9 9

99 99" 9 FOR n=0 TO 5: INK 2: CIRCLE 240,160,n: NEXT n: INK 0

240,160,m: NEXT m: INK 0
10 LET a=4: LET b=1
20 PRINT AT 21,17; "SHOTS LEFT=
";shot: PRINT AT 21,0; "SCORE="
;sc PRINT AT a,b;" cd": BEEP .0

78C' PRINT AT a,b;" cd" BEEP .0 03,40 21 IF sc=0 THEN PRINT AT 21,8

21 IF sc=0 THEN PRINT AT 21,8
," "PRINT AT 21,0,"SCURE= "
,"sc
22 IF sc>=1000 THEN GO TO 600

0 23 IF SC=-50 THEN PRINT RT 21

.10;" " 24 IF SHOT=9 THEN PRINT AT 21 .30;" "

16," "
30 LET b=b+1

40 FOR z=0 TU 5: IF b=25 THEN LET b=1: LET a=4: PRINT AT 4,25 "50 IF INKEY#="D" OR INKEY#="d"

THEN LET shot=shot=1' PRINT AT 8,b," ".GO TO 99 60 GO TO 20 99 IF shot=0 THEN PRINT 1NVE REE 1; FLASH 1,AT 11,0"GAME OVER" FOR N=8 TO 500 NEXT N GO

TO 6000 100 PRINT AT a,b)" ": LET a=a+1 ' BEEP .05,8+5 101 PRINT RT a,b;"e": FOR z=0 T 0 5: NEXT z

104 IF a=19 AND b=1 THEN PRINT AT a.b; FLASH 1; INK 2;"b": LET sc=sc+200: GO TO 10 105 IF a=19 AND b=3 THEN PRINT

AT a.b. FLASH 1: 1NK 2; "b" LET sc=sc+50 (0 TO 10 : 106 IF a=19 RND b=4 THEN PRINT P

108 IF a=19 AND b=9 THEN PRINT AT a,b; FLASH 1; 1NK 2;"b": LET sc=sc+50: GO TO 10 109 IF a=19 AND b=10 THEN PRIN

T AT a,b; FLASH 1; INK 2;"b" LE T sc=sc+50; GO TU 10 110 IF a=19 AND b=11 THEN PRIN. T AT a,b; FLASH 1; INK 2;"b" LE

T HT a.b; FLRSH 1; 1NK 2; "b" LE T sc=sc+50: GO TO 10 111 IF a=19 AND b=13 THEN PRIN T AT a.b; FLRSH 1; 1NK 2; "b" LE T sc=sc+100: GO TO 10 112 IF a=19 AND b=14 THEN PRIN

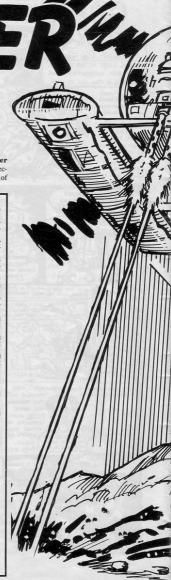
113 IF x=19 AND b=14 HEN FRIN TAT x,b; FLRSH 1; INK 2;"b" LE T sc=sc+160 GO TO 10 113 IF x=19 AND b=16 THEN PRIN T AT x,b; FLASH 1; INK 2;"b" LE

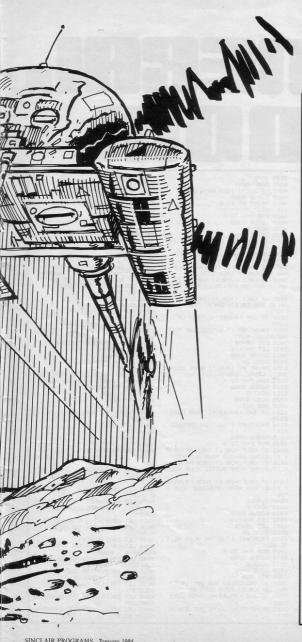
T sc=sc+50: GO TO 10
114 IF a=19 AND b=19 THEN PRIN
T AT a.b; FLASH 1; INK 2; "b": LE
T sc=sc+50: GO TO 10
115 IF a=19 AND b=20 THEN PRIN
T AT a.b; FLASH 1; INK 2; "b": LE

T sc=sc+50: GO TO 10
116 IF a=19 AND b=24 THEN PRIN
T AT a,b) FLASH 1; INK 2; "b" LE
T sc=sc+100: GO TO 10

119 IF #>18 THEN PRINT INK 3; FLASH 1,AT #,b;"@" BEEP 1.2; BEEP 1.1 BEEP 72.1: BEEP .05 ... PAUSE 10 PRINT AT #,b;" ": LET sc=sc-200 GC TO 10 300 GC TO 100

301 POKE USR "a".BIN G0011010
302 POKE USR "a".BIN G0011010
303 POKE USR "a".2.BIN 60111110
303 POKE USR "a".2.BIN 60111111
305 POKE USR "a".2.BIN 61111110
305 POKE USR "a".2.BIN 61101110
305 POKE USR "a".4.BIN 11111111
307 POKE USR "a".4.BIN 11111111
308 POKE USR "a".4.BIN 11101111
309 POKE USR "a".4.BIN 11100111
309 POKE USR "a".4.BIN 11100111
310 POKE USR "a".4.BIN 11100111





```
POKE USR
                "b"+1,BIN 10011000
 312 POKE USR
                "b"+2,BIN
                             10011010
 313 POKE USR "b"+3,BIN 00100010
 314 POKE USR
                 "b"+4,BIN 01010101
 315 POKE USR
                 "b"+5,BIN 11101000
 316 POKE USR
                "b"+6,BIN
"b"+7,BIN
                            11000110
 317 POKE USR
                             10100101
                "c",BIN 10001001
"c"+1,BIN 01010000
"c"+2,BIN 00111111
 318 POKE USR
 319 POKE LISE
 320 POKE USR
      POKE USR
                 "c"+3,BIN 01010011
 321
 322
      POKE USR
                 "c"+4,BIH
                            10001000
 323 POKE USR
                "c"+5,BIN 00000000
 324 POKE
           USR
                "c"+6,BIN 00000000
 325 POKE USR "c"+7,81N 00000000
                "d",BIN 11111111
"d"+1,BIN 00010000
 326 POKE USP
      POKE USR
 328
      POKE USR
                "d"+2,BIN 11111100
      POKE USR
                "d"+3,BIN
                             11111110
 330 POKE USR
                "d"+4,BIN
                             11111110
 331 POKE USR
                 "d"+5,BIN 00111100
                 "d"+6,BIN 00010001
"d"+7,BIN 11111110
 332 POKE USR
 333 POKE USR
334 POKE USR
                 "e",BIN 00000000
"e"+1,BIN 00011000
"e"+2,BIN 00111100
      PUKE USR
 335
 336
      PUKE USR
 337
      PUKE USR
                 "e"+3,BIN 00011000
 338
      POKE USR
                 "e"+4,BIN 00011000
                "e"+5,BIN 0001000
"e"+5,BIN 0010100
"e"+6,BIN 00111100
"e"+7,BIN 00011000
"f",BIN 1111111
 339 PUKE USR
 349 POKE USP
 341 POKE USR
 342 POKE USR
 343 POKE USR
                 "f"+1,BIN 10011001
 344 POKE USR
                "f"+2,BIN 11111111
 345 POKE USR
                "f"+3,BIN 10011001
                 "f"+4,BIN 11111111
 346 POKE USR
                 "f"+5,BIN
 347
      PURE HER
                             10011001
                "f"+6,8IN 11100111
"f"+7,8IN 11100111
 348 POKE USR
      POKE USR
      POKE USR
                 "9",BIN 00111000
 350
 351 POKE USR
                "9"+1,8IN 00111100
                 "9"+2,BIN 01000001
 252
      POKE USR
                 "9"+3,BIN 10000001
 353 POKE USR
 354 POKE USR
                 "9"+4,BIN 01000011
                "9"+5,BIN 01000001
 355 POKE USR
 356 POKE USR
                "9"+6,BIN 00100100
 357 POKE USR
                "9"+7,BIN 00000000
 900 RETURN
1000 LET A$="********* 1983
*****
                         ~CHOPPER CO
                  YOU ARE IN CONTRO
HELICOPTER IN WHI
NTROL~
 OF A
CH YOU MUST
                  DESTRUY ALL THE E
NEMY BASES
                  POINTS PATIO--
                  a=50 f=100 (flash
                  YOUR CHOPPER cd
MUST BOMB & (with
ALL THE BASES & f
ing a=200)
 the d key)
                  ALL THE BASES & F
TO MAKE THEM EXPL
ODE b
                  GOOD LUCK!!"
1001 LET 0=0: LET P=0: LET G=LEN
As
1002 FOR N=1 TO G
1003 IF PK32 THEN
                      GO TO 1005
1004 LET 0=0+1: LET P=0
1005 PRINT AT U.P; INK 1;"
                                cd"
1006 BEEP RND/50, RND*50
1007 PRINT AT O,P,A$(N) LET P=P
1008 NEXT N
5000 RETURN
6000 CLS . IF SCHS THEN PRINT
"WELL DONE! YOU HAVE TODAYS
              HIGH SCORE"
6001 PRINT AT 6,0; "DO YOU WANT T
O PLAY AGAIN Y/N?"
6002 INPUT A$
6005 IF A$≈"Y" OR A$="y" THEN
                                    C
     GO TO 2
6006 STOP
```

GENERAL DOMM

5 GUSUB 9000 10 CET S%=D%(RU) 15 LET V%=U%(1N] (RND*15)+1) IF V#=U\$(8) AND P=1 THEN GO TU 15 20 PRINT AT 17,0; "I CAN SEE "; 174 25 GUSUB 9**9**00 30 PRINT AT 17,0; "1 AM "; S\$ 35 GOSUB 9900 40 PRINT AT 17,0; "I' AM CARRYIN 45 FOR F=1 TO 3 50 PRINT CS(F) 55 NEXT F 60 GOSUB 9900 65 GOSUB 9900 70 PRINT AT 17,0; "WHAT NOW" 75 INPUT AS 78 GOSUB 9900 80 IF As="T" THEN GOTO 1000 85 IF As="D" THEN GOTO 2000 90 IF A\$="Q" THEN GOTO 3000 95 IF A\$="P" THEN GOTO 4000 100 IF A = "S" THEN GOTO 5000 105 IF AS="H" THEN GUTU 6000 110 IF A = "R" THEN GOTO 7000 115 IF AS="M" THEN GOTO 8000 120 GOTO 70 1000 REM TAKE 1005 IF V#=0\$(2) OR V#=0\$(5) OR V\$=0\$(7) OR V\$=0\$(10) THEN GOTO 1010 IF C\$(1,1 TO 7)<>N\$ AND C\$(2,1 TO 7)<>N\$ AND C\$(3,1 TO 7)<>N\$ THEN GOTO 20 1015 IF C\$(1,1 TO 7)=N\$ THEN GOT 0 1030 1020 IF C\$(2,1 TO 7)=N\$ THEN GOT 0 1040 1025 IF C#(3,1 TO 7)=N# THEN GOT 0 1050 1030 LET C\$(1)=V\$ 1035 GOTO 1070 1040 LET C#(2)=V# 1045 GOTO 1070 1050 LET C#(3)=V# 1070 PRINT 8T 17/0;"O.K." 1072 1F V#=0#(3) THEN LET S=S+5 1073 1F V#=0#(8) THEN LET S=S+50 1074 IF V\$=0\$(8) THEN LET P=1 1075 GOSUB 9900 1077 LET V#=N# 1000 GOTO 20 2000 REM DROP 2005 PRINT AT 17,0; "DROP WHAT(1, 2010 INPUT DR 2015 IF DRK1 OR DRX3 THEN GOTO 2 010 2017 IF C\$(DR)=0\$(3) THEN LET S= 3-5 2020 LET (\$(DR)=N\$ 2025 GOSUB 9900 2030 GOTO 20 3000 REM QUIT 3005 FAST 3010 CLS 3015 SLOW 3020 STOP

3025 GOTO 10 4000 REM PRESS 4005 IF ROK >2 THEN GOTO 20 4010 GOSUB 9900 4015 PRINT AT 17,0; "_____bt ast off" 4020 FOR F=1 TO 6 4025 GOSUB 9900 4030 NEXT F 4035 LET S=S+5 4037 IF P=0 THEN LET S=S-30 4040 IF P=0 THEN GUTU 8700 4050 IF P=1 THEN GOTO 8500 SAGA REM SHOOT 5665 IF V\$<>0\$(2) AND V\$<>0\$(5) AND V\$<>0\$(7) THEN GOTO 20 5010 IF C\$(1)<>0\$(1) AND C\$(2)<> 0\$(1) AND C\$(3)(>0\$(1) THEN GOTO 20 5015 IF C\$(1)<>O\$(9) AND C\$(2)<> 0\$(9) AND C\$(3)()0\$(9) THEN GOTO 20 5020 IF INT (RND#3)=1 THEN COTO 5300 5025 PRINT AT 17,0; "22222AP YOU VAPORIZED HIM 5030 LET VS=NS 5032 LET S=S+10 5033 GOSUB 9900 5035 GOTO 20 5300 PRINT AT 17,0; "I HAVE BEEN SHOT. .CROAK..GROAH...." FOR F=1 TO 6 5395 FOR F=1 5310 GOSUB 9900 5315 NEXT F 5320 GOTU 8700 6000 REM HIT 6005 IF INT (RND*3)=1 THEN GOTO 6500 6010 PRINT AT 17,0; "YOU SMASHED HIM' 6015 GOSLIE 9900 6020 FOR F=1 TO 3 6025 IF C#(F)=0#(1) THEN PRINT B 17,0; "HE DENTED YOUR BLASTER" 6030 IF C\$(F)=0\$(6) THEN PRINT A T 17,0; "HE HEAD BUTTED YOUR SIGN 6035 IF C#(F)=U#(9) THEN PRINT A T 17,0,"HIS HEAD CRUNCHED YOUR A 6040 SCROL 6045 NEXT F 6050 GOSUB 9900 6052 LET S=S+10 6053 LET V\$=N\$ 6055 GOTO 20 6500 PRINT AT 17,0; "HE HURT ME,T HE BULLY" 6505 FOR F=1 TO 6 6510 GOSUB 9900 6515 NEXT F 6520 GOTO 8900 7000 REM RUN 7001 IF V\$<>0\$(2) AND V\$<>0\$(5) AND V\$<>0\$(8) THEN GOTO 20 7005 IF INT (RND#3)=1 THEN GOTO 7500 7010 PRINT AT 17,0; "I OUT RAN HI

7015 GOSUB 9900 7020 LET RU=RU+2 7025 IF RO>27 THEN LET RU=1 7030 GOTU 10 7500 PRINT AT 17,0; "HE HAS CAUGH T ME 7505 GOSUB 9900 7510 PRINT AT 17,0; "I WILL HIT H IM 7515 GOSUB 9900 7520 GOTU 6000 8000 REM MOVE 8005 PRINT AT 17,0; "F/B/S" 8010 INPUT Z# 8015 IF Z\$="F" THEN LET RU=RU+1 8020 IF Z\$="B" THEN LET RU=RU-1 8025 IF RO<1 DR RU>27 DR Z\$="S" THEN LET RU=INT (RND*27)+1 8027 LET S=S+1 8828 GUSUR 9988 BOSO COTO 10 8500 REM WIN 8501 PRINT AT 0.0; 8505 PRINT "WE HAVE SAVED THE PR INCESS AND ";AT 5.0; "WE ARE NOW HEROS" 8510 PRINT AT 15,0; "SCORE=";S 8515 PAUSE 9000 8520 GOTO 3000 8700 REM NO PRINCESS 8701 PRINT AT 0,0; 8705 PRINT "WE WILL BE HATED BY EVERYONE "; AT 5,0; "BECAUSE WE FU RGOT THE PRINCESS" 8710 GOTO 8510 8900 REM FAIL 8901 PRINT AT 0,0) 8905 PRINT "WE HAVE FAILED OUR M ISSION" 8910 GOTO 8510 8999 STUP 9000 FAST 9002 DIM D#(27,60) 9005 LET D#(1)="IN THE STORAGE C UMPARTMENT THERES AN ELEVATOR HE BE. 9010 LET D#(2)="IN MY SPACE SHIP BUTTON SAYSKELAST OF , A RED 9015 LET D\$(3)=" NEXT TO MY SPAC F SHIP 9020 LET D\$(4)="UN THE FLIGHT DE CK OF GENERAL DUOMS BATTLE CRUISER" 9025 LET D\$(5)="IN A HALLWAY" 9030 LET D\$(6)="IN THE SUPPLY DE POT" 9035 LET D\$(7)=D\$(5) 9040 LET D\$(8)="IN THE STRATEGY

PLANNING

INSTION

OTLETS"

BEAM

RUUM"

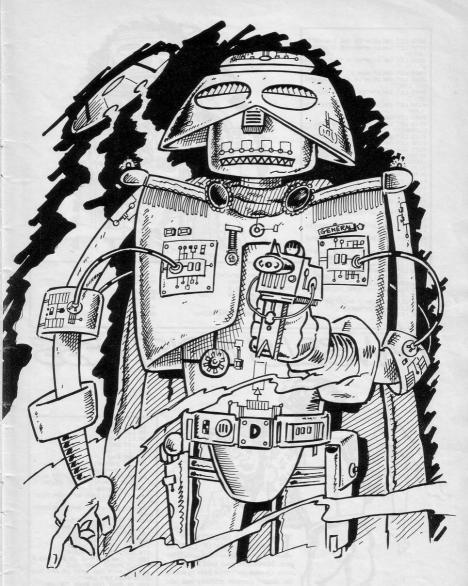
9045 LET D#(19)="IN THE DECONTAM

CENTRE

9050 LET D\$(10)="IN THE TRACTOR

9055 LET DS(11)="IN THE WUMENS T

CONTROL ROOM"



ICKED GENERAL DOOM has captured Princess Leya. Your mission is to find her and take her to safety in your spaceship. Commands to use are T(take), D(drop),

Q(quit), P(press), S(shoot), H(hit), R(run), M(move). Once you have entered M you will be asked F/B/S? (forward, backward, sideways).

You can shoot only when you have a

blaster and some ammunition. You can carry only three things at a time, including the princess.

Written for the 16K ZX-81 by Jonathan Huffer of Walsall, West Midlands.

9070 LET D\$(14)="IN THE LOUNGE" 9075 LET D#(15)="IN THE COMPUTER

9090 LET D#(16)="IN A TESTING LA

9085 LET D\$(17)=D\$(5)

9090 LET D#(18)="IN THE DEVELOPM FNT LAR"

9095 LET D\$(9)="IN A LONG CORRID

9100 LET D\$(20)="IN THE RESEARCH LAB!

9105 LET D#(23)="LUST" 9110 LET D#(21)="NEAR THE VAULT

ENTRANCE 9115 LET D\$(22)="IN THE VAULT

9120 LET D\$(24)="IN THE JAIL" 9125 LET D\$(25)="IN A JAIL CELL" 9130 LET D\$(26)="AT THE SECURITY

DESK' DESK**
9135 LET D#(27)="IN AN ELEVATOR"
9146 DIM (#(15:25)*
9145 LET (#(1)="A BLASTER"
9150 LET (#(2)="A SUPRISED GUARD

9155 LET O\$(3)="A SHINESTONE NEC KLACE

9160 LET 0\$(4)="PRINCESS LEYAS C APE" 9165 LET U\$(5)="AN EVIL SCIENTIS

9170 LET O#(6)="ANKKOUT OF ORDER

>>SIGN 9175 LET O\$(7)="AN ATTACK ROBUT" 9180 LET O#(8)="THE PRINCESS" 9185 LET O#(9)="SOME AMMUNITION" 9190 LET O#(10)="SOME GRAFFITI"

9195 LET 0\$(11)="AN APPLE CORE" 9200 LET 0\$(12)="A CRISP PACKET" 9205 LET US(13)="SOME FALSE TEET

9210 LET U\$(14)="A MAGAZINE" 9215 LET 0#(15)="NOTHING" 9220 LET S=0



9222 LET NS="NOTHING" 9225 DIM C\$(3,25) 9230 FOR F=1 TO 3 9235 LET C\$(F)=N\$ 9240 NEXT F

9245 LET P=0 9250 LET RO=INT (RND*27)+1 9255 SLOW 9500 RETURN 9900 SCROLL

9910 SCROLL 9915 SCROLL 9999 RETURN

DAMSELS IN DISTR



her to the castle (inverse +). To make it easier vou can run off one side of the screen and you will re-appear on the other. You must avoid the dragons (inverse ") which guard her.

10 LET A-PI/PI 20 LET B=R 30 LET C=B

40 LET D=31 50 LET E=20 60 LET F=C

70 LET S=PI-PI 75 LET U#="(1*)"

80 PRINT AT A.B. "(10)", AT C.D. "(i")";AT E,F;"(i")";AT 17,28;"(i+)";AT 3,28;U#

90 LET R=R-(INKEY#="7")+(INKEY \$="6" \ 100 LET B=B-(INKEY=="5")+(INKEY

120 IF B=0 THEN LET B=30

130 IF B=31 THEN LET B=0

140 LET C=C-(R(C)+(R)C) 150 LET D=D-(B(D)+(B)D) 160 LET F=F-(B(F)+(B)F)

178 LET E=E-(A(E)+(A)E) 180 IF C=A AND D=B OR E=A AND F

B THEN PRINT "AHH";S;Z 185 IF A=10 AND B=16 DR A=3 AND

B=28 THEN LET Us=""
190 IF A=17 AND B=28 AND Us="" THEN GOTO 350

200 CLS

300 GOTO 80 350 LET S=S+1

360 GOTO 75

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EXPORT PRICES ON APPLICATION

EAVE-ONE is a form of Solitaire. The object is to clear the board of all the white pieces to leave only one in the central position.

10 FOR f=USR "a" TO USR "h"+7 READ a: POKE f.a: NEXT f

20 DATA 255,126,128,128,128,12 8,128,128

21 DATA 255,1,1,1,1,1,1,1,1 22 DATA 128,128,128,128,128,12 8,128,255

23 DATA 1.1.1.1.1.1.1.255 24 DATA 255,128,135,143,159,19 1,191,191,255,1,225,241,249,253,

253,253,191,191,191,159,143,135, 128, 255, 253, 253, 253, 249, 241, 225, 1,255

30 DATA 1,1,1,1,1,1,1,1,1,1,1,1 1,1,1,1,1,1,1,0,0,0,0,1,1,1,1,0, 0.0.0.1.1.1.1.0.0.0.0.1.1.1.1.1.0.

40 BORDER 0: PAPER 0: INK 7: B RIGHT 1: CLS 50 PLOT 175,87: DRAW 57,0: DRA W 0.9: DRAW -57.0: DRAW 0.-9

60 PRINT AT 10,22; PAPER 3;"

70 LET fi=0: LET replay=0: LET 80 DIM P(47): DIM 9(47): DIM r

(47): DIM s(47) 100 DIM x(64): DIM x(64): DIM o

(64) 110 RESTORE 30: LET a=1: LET b= FUR f=1 TO 64: READ o(f)

120 IF a=17 THEN LET a=1: LET b=b+2

130 LET x(f)=b: LET x(f)=a 140 LET a=a+2

150 IF o(f)=0 THEN PRINT RT x('),9(f);"(9a:ab)";RT x(f)+1,9(f) "(9c:9d)"

160 IF o(f)=1 THEN PRINT AT X f);y(f);"(9e:9f)";AT x(f)+1,y(f) ;"(99:9h)"

170 IF x(f)=3 THEN PRINT AT 2, y(f), PAPER 1; INK 4;9(f)/2+.5;"

120 IF 9(f)=11 THEN PRINT AT X (f),0) PAPER 1; INK 4;x(f)/2-.5; AT x(f)+1,8;"

185 BEEP .01,6+a

195 IF replay=1 THEN PRINT AT 0.0; "NOW FOR AN ACTION REPLAY " BEEP .6,0: BEEP .6,7: BE

EP .6,12

200 LET count=0 209 IF replay=1 THEN PRINT AT 10,22; FLASH 1;">REPLAY": GO TO

'210 FOR f=1 TO 4 211 LET as=INKEYs: LET 1=CODE a

4-49 212 IF 1=33 UR 1=65 THEN GO TO 416

213 PRINT AT 10,20+f*2; FLASH 1 : IF 1>8 OR 1<1 THEN GO TO 211

214 1F f=1 THEN LET d=1 215 IF f=2 THEN LET C=1 215 IF f=3 THEN LET C=1 216 IF f=3 THEN LET c1=1 217 IF f=4 THEN LET c1=1 218 PRINT PAPER 3:AT 10.20+(f*

2); INK 0;1;: IF f=2 THEN PRINT PAPER 3; 1NK 7;"-" 219 BEEP . 2,16: NEXT f

220 IF c<c1 THEN IF c+2<>c1 THEN GO TO 280 230 IF c>c1 THEN IF c1+2<>c TH

EN GO TO 280 240 1F d(d1 THEN IF d+2()d1 TH

N GO TO 280 250 IF d>d1 THEN IF d1+2<>d TH

255 FOR V=1 TO rc-1: LET d=P(V): LET c=4(V): LET d=r(V): LET d=r(V

1=s(v) 260 LET f=((c-1)*8)+d 262 LET 9=((c1-1)*8)+d1

263 LET e=c1: LET t=d1 266 IF c1>c THEN LET e=c1-1 267 IF c14c THEN LET e=c-1

Leave-one was written by John Aries, aged 14, of Dunstable, Bedfordshire for the 16K Spectrum.

268 IF d1<d THEN LET t=d-1 269 IF d1>d THEN LET t=d1-1 270 LET l=(<e-1)*8)+t

275 IF o(f)=1 AND o(9)=0 AND o(1)=1 THEN GO TO 300 280 BEEP .2,-12: PRINT AT 10,22 PAPER 3;" ": GO TO 210

300 REM move Peice 310 IF replay=0 THEN LET P(rc) =d: LET q(nc)=c: LET n(nc)=d1:

ET s(nc)=c1: LET nc=rc+1

360 PRINT RT x(f); y(f); "(ga:gb)"
"; RT x(f); y(f); "(gc:gd)" BEE;
2,36: PRINT RT x(8); y(9); "(ge:gf); "(ge:

370 PRINT AT x(1), y(1); ";AT x(1)+1,9(1);"(9c:9d)" 380 LET count=count+1: IF repla 9=0 THEN PRINT AT 10,22; PAPER

3: 385 IF count>=47 AND fi=0 THEN GO TO 409

390 LET o(1)=0: LET o(f)=0 400 LET o(9)=1

405 IF replay=0 THEN GO TO 210 406 IF replay=1 THEN NEXT V F OR F=0 TO 7 BEEP 1.7 BEEP .01, FBEEP .01, FBEEP .05, FFF BEEP .1, FBEEP .05 EEP .01, f*f: BEEP .05, f*f+f: NEX T f: GO TO 430

408 GO TO 410 409 GO SUB 600

410 PRINT AT 21,0,"YOU MADE ";c ount;" MOVE";: LET fi=1: IF coun t<>1 THEN PRINT "S"

411 BEEP .1,36

420 LET replay=1: GO TO 90 430 PRINT £0; "PRESS ANY KEY TU PLAY AGRIN

440 IF INKEY\$<>"" THEN GO TO 4 19 450 BEEP .1,36: PAUSE 10: GO TO

600 LET 3. =" **CONGRATULATIONS Y

OIL ETHISHEDAK!



e-one is a version of Solita ire. The object of the s to jump over Pieces game 1 horizo ntally, vertically or diagon ally, until only one Piece remains." 1040 PRINT : PRINT " DON'T CHER T...the SPECTRUM nise any illegal move and 19nore you." 1050 PRINT : PRINT " move you type the number of the column then of the row. You the number do this tw ice once for the Piece you wish to move and then to th e Place you wish to jump it to." 1060 PRINT £0; PAPER 1; "PRESS AN Y KEY 1070 IF INKEY\$ > " THEN GO TO 1 999 1000 BEEP .1.0: PAUSE 100: GO TO 1070 1070 FOR f=1 TO 3: BEEP .1.0: BE EP .1.19: BEEP .1.24: BEEP .1.7: NEXT f: BEEP .1.0
1100 DIM x*(640): PRINT AT 2.0: PAPER 1; z\$: PRINT AT 6,0;" If y ou find yourself in the tion that you cannot JUMP another Piece you must s ~9~.This will abort game and you will see Pres the an a ction replay of your move s. If you succeed the TRUM will know and you SPEC will be congratulated. " 1130 IF INKEY\$="" THEN GO TO 11 30 1140 FOR f=1 TO 3: BEEP .24.0: B EEP .1.19: BEEP .1.12: BEEP .1.1 9: NEXT f: BEEP .1.24 1150 RETURN

____LEAVE-ONE

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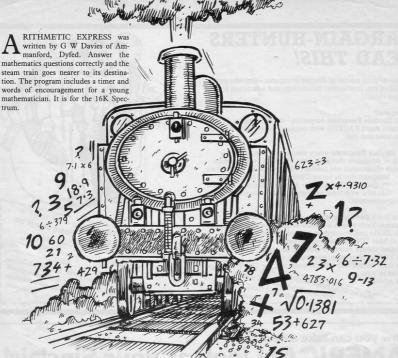


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```
180 LET K=C*D
    1 GO SUB 305
2 PRINT AT 6,0,"PLEASE TYPE Y
                                                                                                   288 PRINT AT 20,5; "Time taken =
                                                  185 LET M=E-F
OUR NAME AND PRESS ENTER"
                                                  190 INPUT Z
                                                                                                    ";t-t1; "seconds"
                                                  200 IF AS="1" AND Z=H THEN GO
    4 INPUT NS
                                                                                                   290 STOP
300 PAUSE 50
302 GO TO 50
    5 015
                                                 TO 250
    6 PRINT TAB 2, "HELLO, "; NS
                                                  210 IF A$="2" AND Z=K THEN GU
  10 LET Y=10
20 LET X=0
                                                 TQ 250
                                                  215 IF 85="3" AND Z=M THEN GO
                                                                                                   305 PRINT AT 7,11; "ARITHMETIC"
  30 PRINT AT 3,0; "SKILL 1,2 UR
                                                 TO 250
                                                  218 FOR J=1 TO 3: BEEP .1,-30:
                                                                                                   306 PRINT AT 9,11; "EXPRESS"
  40 INPUT AS
                                                 NEXT
                                                                                                   307 PAUSE 300
  50 LET A=INT (RND*10)
60 LET B=INT (RND*10)
70 LET C=INT (RND*10)
                                                  220 PRINT AT 15,0; "WRUNG"
                                                                                                    308 CLS
                                                  225 LET X=X-1
226 IF X<0 THEN CLS : GO TO 10
                                                                                                   311 PRINT AT 0,3; "The train is
                                                                                                  now waiting for the driver'
  80 LET D=INT (RND*10)
                                                  230 PAUSE 100
                                                                                                   312 PRINT
313 PRINT "You must obtain corr
                                                 249 GU TO 50
250 PRINT AT 9,X+2,"(1sp:93)"
252 IF A$="1" AND Z=H THEN PRI
NT AT 5,3;"=";H
  85 LET E=INT (RND*10)
87 LET F=INT (RND*10)
                                                                                                  ect answers to move the train"
  90 019
 100 PRINT AT Y,X;"(197:194: 195
                                                                                                   314 PRINT
                                                  253 IF AS="2" AND Z=K THEN PRI
                                                                                                    315 PRINT "Wrong answers put th
                                                 NT AT 5,3;"=";K
                                                                                                  e train into reverse"

316 PRINT : PRINT "You should try to improve your time of arrival"
 110 PRINT AT Y+1,X; "(195:3*1sp)
                                                  254 IF R = "3" AND Z=M THEN
                                                 255 LET X=X+1
265 IF X=18 UR X=13 UR X=15 THE
N PRINT RT 15.3)"Good ";N$
266 IF X=18 UR X=12 UR X=15 THE
 120 PRINT AT Y+2, X; "(197:94:1sp
 130 PRINT AT 13,0) "-----
                                                                                                   317 PRINT
 140 PRINT AT 0,0) "CET TO THE EN
                                                                                                   318 PRINT "Time taken is shown
                                                  PRINT AT 16,3; "keep 90in9"
270 IF X<24 THEN GU TU 300
                                                                                                  on arrival"
 150 IF A$="1" THEN PRINT AT 5,
                                                                                                   319 PAUSE 800 CLS
                                                  270 BEEP .4.19 BEEP .2.10
272 BEEP .4.19 BEEP .2.10
275 PRINT AT 12.29; "(95)"
276 PRINT AT 13.29; "(95)"
280 PRINT AT 14.15; "WELL DONE
01A1"+"1B
                                                                                                  320 DEF FN t( )=(65536*PEEK 2367
4+256*PEEK 23673+PEEK 23672)/50:
 160 IF AS="2" THEN PRINT AT 5.
0;C;"*";D
165 IF A*="3" THEN PRINT AT 5;
0;E;"-";F
                                                                                                   REM secs since start
325 LET t1=FN t()
```

285 PRINT AT 15,15;NS

170 LET H=8+B

350 RETURN

ECOME a fully-fledged BMX Rider in Ian Drake's program for the 48K Spectrum. The game requires skill, as you must judge the correct speed to jump to clear the ramps as they appear before you.

166 CLS 110 PRINT AT 0,10; "(91 BMX 94) 120 PRINT AT 2,0;" The object o

the game is to define ramps. You BMX with keys '8' and increse your nd '5' to so left your speed by 1. the ramp at the to clear it.Each

speed by 2 a. and decrease You must hit right speed time you cle increases in clear all 7 ramps you become a BMX rider.Go

Jump 7 death

control your

to 90 right

130 PRINT AT 18,2; "Press any ke y to start"

240 PAUSE 0 1001 CLS 1005 LET s=10 1010 LET J=1

ar it the ramp

od luckilli

lenght. If you

1015 LET sc=0

1025 PRINT AT 0,0; FLASH 1; "SPEE 1030 PRINT AT 0,12; FLASH 1; "SCO

1035 PRINT AT 0,22; FLASH 1; "JUM

1045 PLOT 0,95: DRAW 255,0 1050 PLOT 0,94: DRAW 255,0 1060 LET b#="(9b:93:9c)c"

1065 PRINT AT 9.15,08 1070 PAUSE 50 BEEP .08.10 BEEP .01.-2 BEEP .5.3 BEEP .08.10 2005 LET 4=0

2010 LET b=9 2015 LET as=" (9a) ": IF INKEYs= "5" THEN LET as=" (9d) "

2020 LET a=a+(NKEY9="8" AND a<2 9)-(INKEY9="5" AND a>0 2025 PRINT AT D.a)a 2035 IF INKEY9="8" THEN LET s=s

+2: IF s>99 THEN LET s=99
2040 IF INKEYs="5" THEN LET s=s -1: IF s<10 THEN LET s=10 2045 PRINT AT 0,0; FLASH 1; "SPEE

2050 IF J=1 THEN GU TO 6000 2055 IF J=2 THEN GO TO 6000 2060 IF J=3 THEN GO TO 6000 2065 IF J=4 THEN GO TO 6000 2070 IF J=5 THEN GO TO 6000 2075 IF J=6 THEN 2080 IF J=7 THEN GU TU 6000 GO TO 6000

2100 GO TO 2015 3005 PRINT AT 6,2;" 3010 LET he8: LET ama+1

3015 PRINT AT b.a.a\$ 3020 FOR a=14 TO J+16

3025 PRINT AT b.a.a. PAUSE 3 3030 NEXT a

3035 PRINT AT b.a." 3040 LET b=9 3045 PRINT AT byayas

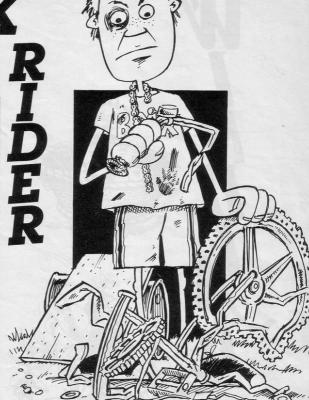
3050 LET J=J+1: LET sc=sc+10: LE 4=10

3055 PRINT AT 0,22; FLASH 1; "JUM P:";; PRINT AT 0,12; FLASH 1;"S CORE:";sc

3060 IF J=2 THEN LET b#="(9x:2* 93:9c)" 3065 IF J=3 THEN LET ba="(9b:3*

93:90 3070 IF j=4 THEN LET b=="(9b:4*

3075 IF J=5 THEN LET b#="(96:5* 93:90)



3080 IF J=6 THEN LET b#="96:6*9 3:90 3005 IF J=7 THEN LET b#="(9b:7*

93:90)" 3086 IF J=8 THEN GO TO 8000

3095 PRINT AT b.a. 3100 GO TO 1065 4005 PRINT AT b.a;"

4010 LET b=8 4015 LET a=a+1

4020 PRINT AT b,a,a\$ 4025 FOR a=14 TO 15 4030 PRINT AT b.a.as: PAUSE 10

4935 NEXT a 4040 PRINT AT b.a;"

4045 LET b=9 4050 PRINT AT b.a;"(91)"

4055 PRUSE 50 4060 GO TO 7000 6000 IF a=12 AND s<=sc+32 UR a=1 2 AND s>=sc+40 THEN GO TO 4000 6005 IF a=12 BND s =sc+40 UR a=1

2 AND s<=sc+50 THEN GO TO 3000 6010 GO TO 2015 7005 CLS

7015 FOR a=1 TO 9

7020 PRINT AT 3,a;" (9a:YOU CRAS HED:98)": PAUSE 10 7025 NEXT a 7030 PRINT AT 9,10; "YOU SCURED: "

0

7040 PRINT AT 15,1; "PRESS ANY KE

Y FOR ANOTHER GAME! 7050 PAUSE 0 7060 RUN 8005 LLS

8010 PRINT AT 5,1; "YOU HAVE JUMP ED ALL THE RAMPS YOU ARE NO W A BMX RIDER WELL DONELLLI 9000 FOR z=USR "a" TO USR "d"+7

9010 READ user: POKE z,user 9020 NEXT z

9030 DATA 48,56,48,127,118,153,1 53,102 9040 DATA 0.0.7,15,31,63,127,255

9050 DATA 0,0,224,240,248,252,25 4.255 9060 DATA 12,28,12,254,110,153,1 53,102

9070 RETURN



ATCH the apples in your basket as the windfalls fall from the trees. Beware, because Farmer Haynes is on the prowl and if he catches you he will have your guts for garters.

Windfall was written for the 16K ZX-81 by Nicky Thorpe, aged 14, of Ashford, Kent.

```
Ashford, Kent.
    1 REM "APPLE"
    2 LET Y=13
3 LET Z=0
   10 PRINT AT 0,10," (4*1sp)
   20 PRINT AT 1,10;" (6*15P) "
   30 PRINT AT 2,10,"(8*15P)
  40 PRINT AT 3,10;" (6*15P) '
50 PRINT AT 4,10;" (4*15P)
   60 PRINT AT 5,10;"
                              (2*isP)
                              (2*15P)
   70 PRINT AT 6,10;"
  80 PRINT AT 7,10;"
                            (2*1sP)
  90 PRINT AT 8,10;"
                            (2*15P)
  95 PRINT BT 8,0; "(32*9h)"
   96 PRINT AT 21,0;"(32*1sp)"
  110 PRINT AT 4,11,"*"
  120 PRINT AT 4,16; "*"
  136 PRINT AT 3,10;"*"
  140 PRINT AT 3,17;"*"
  141 PRINT AT 9,0; "(1sp : 30*sp : 1s
  142 PRINT "(1SP:30*SP:1SP)"
  143 PRINT "(18P:30*sP:18P)"
  144 PRINT "(15P : 30*5P : 15P )"
  145 PRINT "(1sp :30*sp :1sp)"
  146 PRINT "(1sp:30*sp:1sp)"
147 PRINT "(1sp:30*sp:1sp)"
  148 PRINT "(1sp | 30*sp | 1sp )"
  149 PRINT "(15P:30*5P:15P)"
  150 LET X=20
151 PRINT "(1sp:30*sp:1sp)"
  152 PRINT "(isp:30*sp:isp)"
  153 PRINT "(1sp:30*sp:1sp)"
  154 LET A=INT (RND*10+8)
156 LET B=10
157 PRINT AT B.A; "*";AT B-1,A;"
  158 LET B=B+1
  170 IF INKEY#="5" THEN LET Y=Y-
  180 IF INKEYS="8" THEN LET Y=Y+
  185 IF B=X AND A=Y+1 THEN GOTO
  186 IF B=X AND A=Y+2 THEN GOTO
  190 IF Y<1 THEN LET Y=Y+1
192 PRINT AT 19,8;"
  200 IF Y>26 THEN LET Y=Y-1
205 IF B=21 THEN GUTU 400
210 PRINT AT X,Y)" (90:94:)
  220 GOTO 157
  300 LET Z=2+5
  305 PRINT AT 0,0; "SCORE=")Z
  310 GOTO 154
  400 CLS
  410 PRINT "YOU DROPPED AN APPLE
  411 PRINT "AND THE FARMER GUT Y
  413 PRINT
  415 PRINT "YOU SCORED ";2
  420 PRINT
  430 PRINT "DU YOU WISH TO PLAY
  GAIN .
  NORTH N 435 PRINT 435 PRINT 437 PRINT 437 PRINT 9 (Y) OR (N) 9 448 IF INKEYΦ="Y" THEN GOTO 588 458 IF INKEYΦ="N" THEN GOTO 688 468 IF INKEYΦ<" THEN GOTO 448 470 GOTO 448
  500 CLS
  510 GOTO 1
```

610 PRINT AT 10,10; "ok 900dbye"

600 CLS

620 STOP

SIVE FREDDIE

POOR OLD FREDDIE has fallen from an aeroplane on a cold winter day without his parachute. Guide Freddie using keys 5 and 8 towards a lake which will break his fall. Unfortunately the lake is frozen but'

there is a small break in the ice into which you must manoeuvre Freddie.

Save Freddie was written by David Knight of Newcastle-under-Lyme, Staffs. To run the program type "RUN 300" then NEWLINE.

```
50 PRINT AT X,Y;"A"
  60 LET Y=Y-( INKEY#="5" )+( INKEY
事="8")
  70 LET X=X+X/X
  80 PRINT AT X,Y;"(1")")
 90 IF X<>L THEN GOTO 50
100 IF Y<>Q THEN GOTO 500
 150 PRINT "BRRR, ITS COLD IN HER
E ... "
 160 LET T=T+L/L
 170 PAUSE L*L
 180 CLS
 190 LET X=L/L
 200 PRINT T
 210 LET Y=INT (RND*L)+L/L
 220 LET G=INT (RND*L)+L/L
 230 PRINT AT L.Q-Q; "(isp:21*9h:
13P)"
 240 PRINT AT L.Q;"
 250 GOTO 50
 300 LET L=19
 310 LET T=L-L
 320 GOTO 180
 500 PRINT "SPLATTU"
```



JOHN WEST, aged 11, of Mumbles, Swansea wrote It's snowing again for the 1K ZX-81. Dodge the superfast snowflakes heading straight for you as you rush home from school, late for your dinner. Use keys 5 and 8 to escape a soaking. You receive 10 points for every snowflake which misses you.

10 LET N=11
20 LET S=6
30 PRINT AT 21, INT (RND*26); "*

40 PRINT AT 0,A)
50 IF PEEK (PEEK 16398+256*PEE
K 16399 >=23 THEN GOTO 120
60 PRINT "\"

80 IF INKEY#="5" THEN LET A=A-90 IF INKEY#="8" THEN LET A=A+

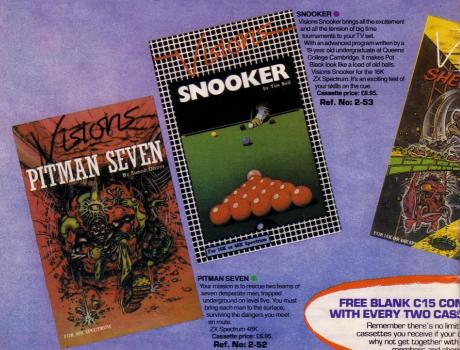
100 LET S=S+10 110 GOTO 30 120 PRINT AT 0,0;5

ITS SNOWING AGAIN



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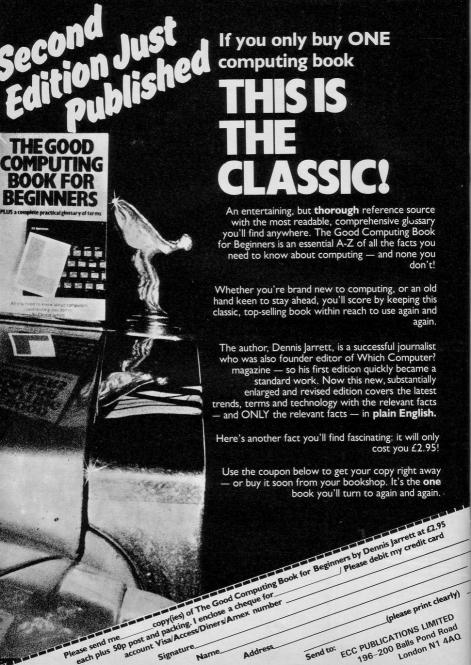
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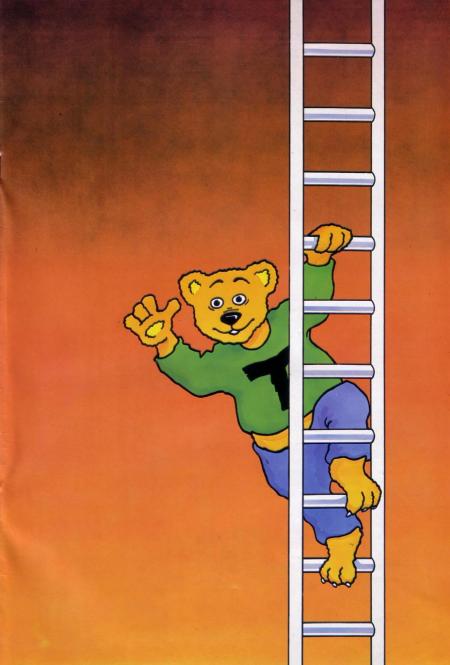
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